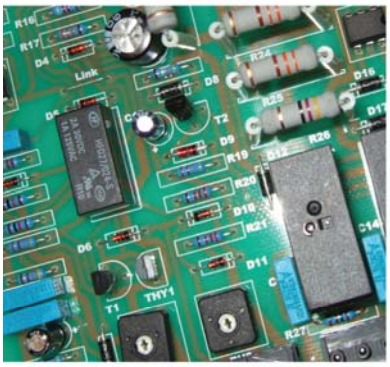
2010 - 2011 CATALOGUE

TECHNICAL ARC

TECARC TA-UK

Welding, Cutting Equipment and Torches, Machine Spares,
Calibration and Test, PCB Repairs and Technical Services.



Only available to **welding distributors & service engineers**

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Technical ARC, Outgang Lane, Osbaldwick, York, UK Y019 5UP

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Standard carriage charges

Prices for PCB repairs and service exchange PCB's include carriage. On all other items carriage is charged extra as below. We always aim to always keep all carriage costs to an absolute minimum.

FEDEX prices are mainland UK only, for Northern Ireland, Republic Ireland, Scottish Highlands & off shore please phone.

1st class post for small parcels & packets up to 1kg	£3.50
FEDEX next day delivery small package bag rate	£5.50
FEDEX next day delivery parcel up to 25KG	£6.50
FEDEX next day delivery parcel up to 50KG	£12.00
FEDEX before 12 AM next day surcharge	£6.00
FEDEX before 10 AM next day surcharge	£12.00

Please note; all orders are subject to our terms & conditions pages 59&60

Massive range of our British made TECARC & OXFORD machines also available!
If you are interested in becoming a TECARC or OXFORD distributor please contact us.

CALIBRATION & TEST EQUIPMENT

LOAD BANK 400 *The most portable & lightweight load bank available*

This is the lightest and most compact 400A load bank available. Built using a unique design means the total weight is only 8.5kgs making it truly 'Engineer friendly' The load bank is fitted with 4 heavy duty push switches, the value of each is selected to give maximum coverage of the load range and gives you a possible 14 different load settings. This load bank is ideal for load testing machines to check for faults, and when used with a calibrated meter can enable calibration and validation to BS/ISO standards.

Engineer friendly
Ideal for site use

MAX CURRENT 400A (AC OR DC) @ 50%, 250A @100% DUTY CYCLE
No. OF SWITCHES 4, SIZE 430 X 320 X 250, WEIGHT 8.5KGS
MIN. ADJUSTMENT SWITCH 30 AMPS, MAX. ADJUSTMENT SWITCH 180 AMPS

LOAD BANK 600

This load bank is similar to the above model but has a higher load capacity of 600A and is fitted with 6 heavy duty push switches; the value of each is selected to give maximum coverage of the load range. This load bank is ideal for workshop use to load test machines to check for faults, and when used with a calibrated meter can enable calibration and validation to BS /ISO standards.
MAX CURRENT 600A (AC OR DC) @ 50%, 400A @ 100% No. OF SWITCHES 6
MIN. ADJUSTMENT SWITCH 12 AMPS, MAX. ADJUSTMENT SWITCH 250 AMPS
SIZE L - 550MM W - 450MM H - 200MM, APPROX WEIGHT 22KG

AC/DC CLAMP METER

MEASUREMENT RANGES 0 – 1000A AC AND 0 – 1000A DC,
0 – 1000V DC AND 700V AC + resistance & continuity test.
STANDARD METER PART No: CAL1001
CALIBRATED METER PART No CAL1002

Special calibration machines can be built to suit your requirements.
This model is for calibrating generators

CALIBRATOR 600 AC-DC

The ultimate in calibration and validation

The calibrator 600 is the best machine to carry out calibration and validation to BS and ISO standards
This machine is fitted with calibrated meters, adjustable load settings, and a fine tune load setting. Use of the different loads combined with the fine tune enables virtually every possible parameter to be achieved up to 600A for MIG, TIG & MMA. The different loads are easily selected using small panel switches which switch heavy contactors. The machine is designed to be easy to wheel around workshops and into vehicles. Optional frequency display can be fitted to allow non contact calibration of engine speed on generators and an optional taco kit is available to read wire speed.
Machine comes complete with power supply leads and a good selection of welding leads.

MAX AMPS	600 AC / DC	MAX VOLTS	100AC / DC
POWER SUPPLY	110 + 230V AC	POWER CONSUMED	350VA

STANDARD CALIBRATOR 600	PART No: CAL6002
CALIBRATOR 600 COMPLETE FREQUENCY DISPLAY	PART No: CAL6003

Size approx,710mm H x 430mm x 270mm. Weight approx 33KG

CALIBOX *(SUPPLIED WITH CALIBRATION CERTIFICATE)*

The calibox is a separate digital display box which sits on top or next to a welding machine. There are 3 standard versions of the calibox. The DC6000i is for MIG & MMA & runs off the welding volts (max. 100VDC), & does not need any external supply. The DC 600 & AC DC 600 require an external voltage supply, either 110v or 230v which can be easily selected internally. Because the display is digital LED and not LCD it is bright and easy to read from a distance and not susceptible to grinding dust, etc.
Size approx Length - 190mm x Width - 190mm x Height - 120mm. Other versions of this box are available including amps or volts only, speed of wire feed or travel speed etc

TYPE	SUPPLY	VOLTAGE	AMPERAGE	PART No.
CALIBOX DC6000i	OCV (max 100v)	12 – 99.9V DC	0 – 600A DC	CAL6000IDC
CALIBOX DC600	110V / 230V	0 – 99.9V DC	0 – 600A DC	CAL600DC
CALIBOX AC/DC600	110V / 230V	NO VOLTS	0 – 600A AC/DC	CAL600ACDCA
CALIBOX AC/DC600	110V / 230V	0 – 99.9V AC/DC	0 – 600A AC/DC	CAL600ACDCAV

PARALLEL CALIBOX *(SUPPLIED WITH CALIBRATION CERTIFICATE)*

These Parallel boxes are designed to connect two DC power source outputs together for high current applications, the combined output parameters (amps & volts) are displayed on the digital LED readouts. Designed mainly for MMA & arc air gouging but could also be used for other welding applications. 4 panel plugs are fitted for connecting to the power source outputs & two panel sockets on the front are used for connecting the welding earth & electrode lead. No auxiliary supply is needed. This can be used as a portable unit or mounted using the fixing holes on the base or rear.
Max OCV of power source is 100V DC. The amperage rating specified is the total output of both power sources.

TYPE	VOLTAGE	AMPERAGE	PART No.
PARALLEL CALIBOX 400A	12 – 99.9V DC	0 – 400A DC	PCAL400IDC
PARALLEL CALIBOX 600A	12 – 99.9V DC	0 – 600A DC	PCAL600IDC
PARALLEL CALIBOX 1000A	12 – 99.9V DC	0 – 1000A DC	PCAL1000IDC

METERBOX *(SUPPLIED WITH CALIBRATION CERTIFICATE)*

The meter box is a separate analogue display box which sits on top or next to the welding machine. It displays amperage and voltage and is connected in series with the welding machines output. The meter boxes available are shown below. We now make the DC ones with changeable polarity so can be fitted onto MIG, MMA or TIG machines.
Length - 190mm Width - 190mm Height - 120mm

AMPERAGE	VOLTAGE	PART No.
0 - 400A DC	0 - 60V DC	CAL40060
0 - 600A DC	0 - 60V DC	CAL60060
0 - 400A DC	0 – 100V DC	CAL400100
0 - 600A DC	0 - 100V DC	CAL600100
0 – 400A AC	0 – 100V AC	CAL400100AC
0 – 400A AC	(AC AMPS ONLY)	CAL400AC

Other versions also available

Re-calibration service available for any of this equipment. *See page 44.*

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INVERTER MACHINES

Professional MMA welding Inverters

All models have the following features; high duty cycle, very high electrical efficiency, excellent welding performance with a very stable and quiet arc & large 35-50mm connectors. The machines are robustly constructed with all internal parts mounted in such a way as to prevent damage caused by small drops, the power components are rated to give a large safety margin for the best reliability and importantly these machines are easy to work on and always repairable by us should a fault occur outside warranty. All models are built to BS EN 60974-1 are CE marked & are RoHS compliant. These machines are generator friendly, providing a quality stable generator of at least 6KVA is used. A remote control can be fitted on request. Every machine undergoes extensive quality control & weld testing prior to dispatch to guarantee excellent reliability

These machines have a one year warranty.

We guarantee to fully support these machines with spares & service for a minimum of 10 years after sale.

MMA 166i 230V & 166i DUAL VOLTAGE 110/230V

These models are designed for MMA stick welding and scratch start DC tig welding. The output current is variable between 20 and 160 amps. The machine will run MMA electrodes up to 4mm maximum, and due to its high efficiency will put down a 3.2mm 7018 electrode on a 13A plug. Large 35-50 mm sockets are fitted.

The dual voltage version will work on 110V or 230V, the machine switches to the correct input automatically (min 5.5KVA needed on 110V)

MMA 166i 230V

MMA 166i DUAL

160 AMPS MMA

MMA 206i 230V

This machine is designed for MMA stick welding & scratch start DC TIG welding. The output is infinitely variable between 20 & 200A. This model will run MMA electrodes up to 5mm maximum, allowing for heavier welding than that from the MMA166i.

MMA 206i 230V

200 AMPS MMA single phase

MMA 320i 230V

This machine is designed for MMA stick welding & scratch start DC TIG welding. The output is infinitely variable between 20 & 320A. Electrodes up to 6mm maximum can be used, allowing for very heavy duty welding. If used on a generator this model requires a minimum of 9KVA.

MMA 320i 230V

320 AMPS MMA single phase

MMA 256T 400V Three phase

This machine is designed for MMA stick welding & scratch start DC TIG welding. The output range is infinitely variable from 20 – 250A; this machine is fitted with arc force and a digital ammeter. This machine will run up to 6mm electrodes allowing for heavy MMA welding.

MMA 256T 3~ 400V

250 AMPS MMA three phase

Technical spec	MMA 166i	MMA 166i dual	MMA 206i	MMA 320i	MMA256T
Supply voltage	230V	110V / 230V	230V	230V	400V
Fuse (slow blow)*	13/16A	32A / 13-16A	13/16A	32A	16A
Max (OCV)	60V	60V	60V	60V	60V
Duty cycle	160A @ 60%	160 @ 60%	200A @ 40%	320A@60%	250A @35%
Size approx	380Lx280Hx150	380Lx280Hx150	390Llx280Hx150	380Lx280Hx300	480Lx340Hx210
Weight approx	7KG	8KG	10KG	18KG	20KG
Protection	IP23	IP23	IP23	IP23	IP23

*When using with a 13A fuse above 150A MMA the fuse may blow occasionally.

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INVERTER MACHINES

Professional DC TIG welding Inverters

All models have the following features; high duty cycle, very high electrical efficiency, all have excellent welding performance with a very stable and quiet arc & large 35-50mm connectors. The machines are robustly constructed with all internal parts mounted in such a way as to prevent damage caused by small drops, the power components are rated to give a large safety margin for the best reliability and importantly these machines are easy to work on and always repairable should a fault occur outside warranty. All models are built to BS EN 60974-1 are CE marked & are RoHS compliant. These machines are generator friendly, providing a quality stable generator of at least 6KVA is used. All models can be fitted with a remote control on request. Every machine undergoes extensive quality control & weld testing prior to dispatch to guarantee excellent reliability.

These machines have a one year warranty.

We also guarantee to fully support these machines with spares & service for a minimum of 10 years after sale.

TIG 186i DC 230V, TIG 186i DUAL VOLTAGE 110/230

These machines are designed for quality DC TIG welding & MMA stick welding. These have HF to start the arc, Infinately variable output, slope down & gas postflow control, torch trigger latching & built in basic pulser with 2 settings.

The dual voltage version will work on 110V or 230V, the machine switches to the correct input automatically (min 5.5KVA needed on 110V)

TIG 186i 230V

TIG 186i DUAL VOLT

180 AMPS DC TIG & MMA

TIG 206i DC 230V

This model is designed for quality DC TIG welding & MMA stick welding & has the following features, HF to start the arc, Infinately variable output, slope down & gas postflow control, digital ammeter & a built in pulser with controllable pulse frequency & base current.

TIG 206i DC 230 VOLT

200 AMPS DC TIG & MMA

TIG 256i DC 400V three phase

The TIG256T DC is designed for quality DC TIG welding & MMA stick welding & has the following features, HF start, Infinately variable output, slope down & gas postflow control, digital ammeter & torch trigger latching.

TIG 256i DC

250 AMPS DC TIG & MMA

Technical spec	TIG 186i DC	TIG 186i dual	TIG 206i DC	TIG 256i DC
Supply voltage	230V	110V / 230V	230V	400V three phase
Fuse (slow blow)	13/16A *	32A / 13/16A *	16A	16A
Max (OCV)	60V	60V	60V	60V
Duty cycle	180A @ 60%	180 @ 60%	200A @ 60%	250A @ 40%
Size approx	390Lx280Hx150W	390Lx280Hx150W	480Lx330Hx210W	480Lx330Hx210W
Weight approx	10KG	11KG	12KG	15KG
Protection	IP22	IP22	IP22	IP22

*When using with a 13A fuse above 150A MMA or 180A on TIG the fuse may blow occasionally.

New Product now available

A REMOTE SOCKET CAN BE FITTED TO ANY OF THESE MODELS
THIS ALLOWS OUR STANDARD FOOT PEDAL OR HAND REMOTE TO BE FITTED.

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INVERTER MACHINES

Professional AC / DC TIG welding Inverters

All models have the following features; high duty cycle, very high electrical efficiency, excellent welding performance with a very stable and quiet arc & large 35-50mm connectors. The machines are robustly constructed with all internal parts mounted in such a way as to prevent damage caused by small drops, the power components are rated to give a large safety margin for the best reliability and importantly these machines are easy to work on and always repairable should a fault occur outside warranty. All models are built to BS EN 60974-1 are CE marked & are RoHS compliant. These machines are generator friendly, providing a quality stable generator of at 6KVA is used. A remote control can be fitted on request. Every machine undergoes extensive quality control & weld testing prior to dispatch to guarantee excellent reliability.

These machines have a one year warranty.

We also guarantee to fully support these machines with spares & service for a minimum of 10 years after sale.

TIG 166i AC DC 230V & DUAL VOLTAGE 110/230V

This machine is designed for high quality AC & DC TIG welding & MMA stick welding. The machine is fitted with the following; HF to start the arc, Infinately variable output between 10 and 160 amps, pre & post gas, slope down, torch trigger latching, true AC squarewave with balance to control arc cleaning & penetration, digital ammeter with preset amps readout, remote socket for foot control etc. The Dual voltage 110V / 230V version has a switch on the rear to select the appropriate voltage; this version of the machine is other wise identical apart from additional weight.

TIG 166i AC / DC 230V

TIG 166i AC / DC DUAL 110/230V

New Product now available

160 AMPS AC DC TIG/MMA

TIG 206i AC DC 230V

This machine is designed for high quality AC & DC TIG welding & MMA stick welding. The machine is fitted with the following; HF to start the arc, Infinately variable output between 5 and 200 amps, pre & post gas, slope down, torch trigger latching, built in pulser with variable freq, base current & pulse width, true AC squarewave with balance to control arc cleaning & penetration, digital ammeter, arc force on MMA, remote socket for foot control etc.

TIG 206i AC/DC 230V

200 AMPS AC DC TIG/MMA

TIG 256T AC DC 400V three phase

This machine is designed for high quality AC & DC TIG welding & MMA stick welding. The machine is fitted with the following; HF to start the arc, Infinately variable output between 10 and 250 amps, pre & post gas, slope down, torch trigger latching, built in pulser with variable freq, base current & pulse width, true AC squarewave with balance to control arc cleaning & penetration, digital ammeter, arc force on MMA, remote socket for foot control etc. We can fit a water cooler to this model on request.

TIG 256T AC/DC 3 phase

250 AMPS AC DC TIG/MMA

Technical spec	TIG 166i AC DC	TIG 166i AC DC DUAL	TIG 206i AC DC	TIG 256T AC DC
Supply voltage	230V	110V/230V	230V	400V three phase
Fuse (slow blow)*	13A	13A or 32A on 110V	13/16A	16A
Max (OCV)	50V	50V	60V	60V
Duty cycle	160A @ 60%	160A @ 60%	180A @ 60%	250A @ 60%
Size approx	480Lx380Hx240W	480Lx380Hx240W	390Lx280Hx150	520Lx370Hx320
Weight approx	17KG	30KG	24KG	36KG
Protection	IP22	IP22	IP22	IP22

*When using with a 13A fuse above 150A MMA or 180A on TIG the fuse may blow occasionally.

OUR HIGH QUALITY FOOT PEDAL CAN BE FITTED TO ANY OF THESE MODELS
WATER COOLING OPTIONS ALSO AVAILABLE

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INVERTER MACHINES

Professional PLASMA cutter Inverters

All models have the following features; high duty cycle, very high electrical efficiency, excellent cutting performance & large 35-50mm connector for the earth. The machines are robustly constructed with all internal parts mounted in such a way as to prevent damage caused by small drops, the power components are rated to give a large safety margin for the best reliability and importantly these machines are easy to work on and always repairable should a fault occur outside warranty. All models are built to BS EN 60974-1 are CE marked & are RoHS compliant. These machines are generator friendly, providing a quality stable generator of at least 6KVA is used. Every machine undergoes extensive quality control & weld testing prior to dispatch to guarantee excellent reliability

These machines have a one year warranty.

We also guarantee to fully support these machines with spares & service for a minimum of 10 years after sale.

PLASMA 46i 230V with 6M Trafimet Ergocut CB50

This model is designed to give clean fast cutting on a wide range of metals; it is fitted with pilot arc to assist with cutting on rusty, dirty or painted metals & has a severance cut up to 13mm & a clean cut up to 10mm on mild steel. The Trafimet CB50 torch fitted ensures a near perfect clean narrow cut & the lowest possible cost of consumable parts.

PLASMA 46i

MAX 13mm CUT

PLASMA 56i 230V with 6M Trafimet Ergocut CB50

This model is designed to give clean fast cutting on a wide range of metals; it is fitted with pilot arc to assist with cutting on rusty, dirty or painted metals & has a severance cut up to 17mm & a clean cut up to 13mm on mild steel. The Trafimet CB50 torch fitted ensures a near perfect clean narrow cut & the lowest possible cost of consumable parts.

PLASMA 56i

MAX 17mm CUT

PLASMA 76i 400V with 6M Trafimet Ergocut CB70

This model is designed to give clean fast cutting on a wide range of metals; it is fitted with pilot arc to assist with cutting on rusty, dirty or painted metals & has a severance cut up to 25mm & a clean cut up to 19mm on mild steel. The Trafimet CB70 torch fitted is a superb torch & gives a high quality cut with low cost consumable parts.

PLASMA 76i

MAX 24mm CUT

PLASMA 86i 230V with 6M Trafimet Ergocut A81

This model is designed to give clean fast cutting on a wide range of metals; it is fitted with pilot arc to assist with cutting on rusty, dirty or painted metals & has a severance cut up to 26mm & a clean cut up to 20mm on mild steel.
The Trafimet torch fitted gives a high quality cut & low cost consumable parts.
(We have cut over 30mm with this model in tests)

PLASMA 86i

MAX 27mm CUT
230V single phase

Technical spec	Plasma 46i	Plasma 56I	Plasma 76i	Plasma 86i
Mains input voltage	230V single phase	230V single phase	400V 3 phase	230V single phase
Input fuse	13A* / 16A	16A	16A	32A
Output current	20-40A variable	20–50A	20-70A	35-80A
Duty cycle	40A @ 60%	50A@40%	70A@40%	80A@60%
Size approx	450Lx360Hx210	450Lx360Hx210	480Lx400Hx210	380Lx280Hx300
Weight approx	12KG	13KG	16KG	25KG
Protection	IP21	IP21	IP21	IP21
Cutting torch	6 meter CB50	6 meter CB 50	6M CB 70	6M A81
Max severance cut mild steel	14mm	17mm	24mm	27mm
Max recommended cut mild steel	10mm	13mm	19mm	20mm
Max recommended cut aluminium & stainless	7mm	10mm	15mm	16mm
Air pressure / consumption	5 Bar pressure / 165L/min (all models)			

We strongly recommend using genuine Trafimet consumables with all these models, all items are stocked at keen prices

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FOOTPEDALS *EXTENDED RANGE*

We have been manufacturing foot pedals for over 15 years. Our range of pedals are used by major manufacturers & are renowned for their smooth operation & excellent durability. Now we have improved these even further, we have a unique design using a long life potentiometer which has virtually zero mechanical stress & uses no gears, racks or timing pulleys. The result is we achieve super smooth precision control from minimum to maximum current with no lumpy feeling.
These foot pedals are still as rugged as ever, but we now have the smoothest operating pedal in the industry.

Patent pending on improved foot pedal design

Foot pedals are now available in any potentiometer value

Range control can be fitted to any foot pedal to allow the operator to set the current range.

Approx size all models 280mm Lx 140mm W x 150mm H

MACHINE		PART No.
STANDARD FOOTPEDAL WITHOUT PLUG SINGLE CABLE	Now available in any potentiometer value	FS0001
STANDARD FOOTPEDAL WITHOUT PLUG DUAL CABLE	Now available in any potentiometer value	FS0002
BOC ADR 300 (MAG AMP) AC / DC TIG FOOTPEDAL 2 WIRES NO PLUGS FITTED		FSADR02
BOC TRANSTIG ETC. FOOTPEDAL C/W 6 PIN AMPHENOL. (3 LARGE + 3 SMALL PINS)		FSBOC1602
BUTTERS AUTO TIG 160 / 250 / ULTRAWAVE FOOTPEDAL C/W 7 PIN CABLE PLUG		FSBU170
BUTTERS AMT AC/DC 160 / 200 / 315 FOOTPEDAL C/W 2 AND 3 PIN PLUG		FSBU223
CEA TOP 165/166 ETC. FOOTPEDAL C/W 5 PIN AMPHENOL + 3 PIN TRIGGER PLUG		FSCE150
CEA MATRIX FOOTPEDAL C/W 6 PIN AMPHENOL		FSCE160
CEBORA 182/16P/ TIGSTAR MACHINES ETC. FOOTPEDAL C/W TWO 5 PIN PLUGS		FSC2501
CEBORA 193 POWER TIG / TIG SOUND MACHINES FOOTPEDAL C/W ONE 10 PIN PLUG		FSC1100
CEBORA TIGSTAR 160 – 250 FOOTPEDAL C/W 3 PIN AND 5 PIN PLUG (FIMER)		FSC3501
CEM TX150 DC / AC/DC ETC FOOTPEDAL C/W 7 PIN PLUG		FSCEM01
CEM FOOTPEDAL C/W 10 PIN AMPHENOL		CSCEM02
CITOARC /AIRLIQUIDE FOOTPEDAL C/W 10 PIN AMPHENOL		CSOE1001
CITOARC / OERLIKON / FRO TAC203, TAC250, TAC253P FOOTPEDAL C/W 10 PIN AMPHENOL + 3 PIN JACK PLUG		FSOE11001
CITOARC / OERLIKON TAC206, 254, 324, T3100P FOOTPEDAL C/W 7 PIN PLUG		FSOE1701
CITOARC / OERLIKON TDC355 / MST355 FOOTPEDAL C/W 7 PIN PLUG		FSOE1702
CITOARC / OERLIKON TDC200 FOOTPEDAL C/W SMALL 5 PIN PLUG		FSOE1501
CITOARC / OERLIKON TAC355 / TAC355P (WEMI) FOOTPEDAL C/W 14 PIN AMPHENOL PLUG		FSOE1140
CITOARC / OERLIKON T2000 / T2500P / T2800P FOOTPEDAL C/W 5 PIN PLUG		FSOE1502
CITOTIG 200 AC DC (Kemppi made machine c/w 10 pin Amphenol & 5 pin Tuechal plug (FP2 pedal)		FSOE11005
COMMERCY CYTIG FOOTPEDAL C/W 7 PIN PLUG		FSCY1701
ELECTROSTA ELECTROTIG 200 DC FOOTPEDAL C/W 6 PIN AND 2 PIN PLUGS		FSETA262
ELAND / BRITWELD AC/DC 150S FOOTPEDAL C/W 2 x 4 PIN PLUGS (C16)		FSEL2401
ESAB DTB275 / 375 +TRANSTIG 375S ETC FOOTPEDAL C/W 12 PIN BURNDY PLUG (FC003)		FSE11202
ESAB / MUREX FS002 FOOTPEDAL REPLACEMENT C/W 12 PIN BURNDY PLUG. (DTF180, DC200i, AC/DC 200S)		FSE11201
ESAB HELIARC 252 / 352 / 201i / 203i / 353i ETC (FC-5B) FOOTPEDAL C/W SPECIAL 14 PIN AMPHENOL		FSE11401
ESAB / MUREX TRANSTIG 255 ETC. FOOTPEDAL C/W 6 PIN AMPHENOL. (3 LARGE + 3 SMALL PINS)		FSE1602
EUTECTIC FOOTPEDAL C/W 10 PIN AMPHENOL (VERSION 1: TRIGGER ON PINS A + D)		FSEU1001
EUTECTIC FOOTPEDAL C/W 10 PIN AMPHENOL (VERSION 2: TRIGGER ON PINS B+ D)		FSEU1002
FRONIUS FOOTPEDAL C/W 10 PIN AMPHENOL (VERSION 1: TRIGGER ON PINS A + D)		FSFR1001
FRONIUS FOOTPEDAL C/W 10 PIN AMPHENOL (VERSION 2: TRIGGER ON PINS B+ D)		FSFR1002
GREEN 3K INVERTERS FOOTPEDAL C/W 7 PIN PLASTIC PLUG		FSGR1107
HI TEC / EWM TIG INVERTERS FOOTPEDAL C/W 14 PIN PLUG		FSME1121
HITECH / FIMER AC/DC 350 ETC, FOOTPEDAL C/W 7 PIN AMPHENOL		FSHT1107
HITACHI GP2 – 300 FOOTPEDAL C/W 14 PIN PLASTIC PLUG		FSHI1401
HITACHI GP2 – 300 FOOTPEDAL C/W 11 PIN AMPHENOL PLUG		FSHI1102
HITACHI FOOTPEDAL C/W 5 PIN TUCHEL PLUG		FSHI1503
HOBART TIGWAVE, TIGWELD, TR250HF ETC. FOOTPEDAL C/W SPECIAL 10 PIN AMPHENOL.		FSH1101
HOBART BETAWAVE 320 ETC. FOOTPEDAL C/W 6 PIN AMPHENOL		FSH1601
KEMPPI DC TIGS (C100F TYPE) MASTERTIG RANGE ETC. FOOTPEDAL C/W 4 PIN AND 10 PIN AMPHENOL PLUGS		FSK2410
KEMPPI R10F FPPTPEDAL C/W 7 PIN PLUG		
LINCOLN SQUAREWAVE 255 / 355 TIG, INVERTEC V160, 240 ETC. FOOTPEDAL C/W 6 PIN AMPHENOL		FSL1601
LINCOLN INVERTEC 400i ETC. (EWS MADE M/C) FOOTPEDAL C/W 5 PIN PLUG		FSL1501
LINCOLN INVERTEC 180i ETC. (EWS SCW200T FRONT PCB) FOOTPEDAL C/W 5 PIN PLUG		FSL1511
LORCH FOOTPEDAL C/W 14 PIN PLUG		FSL1401
LTEC / UNION CARBIDE DC200 / DC400 FOOTPEDAL C/W 5 PIN PLUG		FSLT1501
LTEC HELIARC 250HF / 306 AC/DC TIG FOOTPEDAL C/W 2 x 3 PIN PLUGS		FSM2203
MARSHAL DYNABOLT FOOTPEDAL C/W 2 AND 3 PIN HUBBELL PLUGS		FSMD1213
MERKLE TIGS FOOTPEDAL C/W 10 PIN AMPHENOL		FSMR1001
MESSER / EWM DC / AC - DC TIG INVERTERS FR21 FOOTPEDAL C/W 14 PIN PLUG		FSME1121
MESSER / EWM INVERTERS RTF1 FOOTPEDAL C/W 19 PIN PLUG		FSME1119
MIGATRONIC MTE, LTE,COMMANDER, NAVIGATOR, ETC. FSF REPLACEMENT C/W 8 PIN AMPHENOL + 6 PIN SQUARE PLUG		FSMT1816
MIGATRONIC PILOT RANGE OF TIGS, PI TIG FOOTPEDAL C/W 7 PIN PLASTIC PLUG (C16)		FSMT1701
MIGATRONIC PILOT RANGE OF TIG FOOTPEDAL C/W 8 PIN AMPHENOL ON BACK OF MACHINE		FSMT0801
MIGATRONIC PILOT 200 AC/DC TIG (ELECTROSTA MACHINE) C/W 7PIN PLUG & 8 PIN AMPHENOL (ON BACK PANEL)		FSMT0802
MIGATRONIC HFP201 ETC. (EWS MADE) FOOTPEDAL C/W 5 PIN SMALL PLUG		FSMT1501
MIGATRONIC MDU 300 / 400 FOOTPEDAL C/ W 8 PIN AMPHENOL AND 6 PIN SQUARE HARTING PLUG		FSMT2816
MIGATRONIC WELDI RANGE 211, 281W, 351W ETC C/W 3 PIN PLUG		FSMT1301
MILLER SYNCROWAVES, MAXSTAR, XMT, ETC FOOTPEDAL C/W 14 PIN AMPHENOL.		FSM1141
MILLER DIALARC HFE (NOT HF) / SYNCROWAVE ETC. FOOTPEDAL C/ W 5 PIN AMPHENOL		FSM1501
MILLER DIALARC HF (MAG AMP TYPE) FOOTPEDAL C/W 2 AND 3 PIN HUBBELL PLUGS		FSM1213
MUREX AC/DC 200 SQUAREWAVE FOOTPEDAL C/W 2 PIN AND 3 PIN PLUG		FSMU0203
MUREX AC/DC 250 (FS003 TYPE) FOOTPEDAL C/ W 10 PIN AMPHENOL	(AMERICAN MADE MACHINE)	FSMU1001
MUREX TRADESTIG 252 / 352 / 201i / 203i / 353i ETC (FC-5B) FOOTPEDAL C/W SPECIAL 14 PIN AMPHENOL		FSE11401
MULTI TIG FOOTPEDAL C/W 3 PIN PLUG		FSMT1301
NEWARC RT2000 ETC. FOOTPEDAL C/W 3 PIN DIN AND 7 PIN PLASTIC PLUG		FSN1317
NEXUS NXT200DC / AC/DC FOOTPEDAL C/W 7 PIN PLUG		FSNX01
NORWELD 182 / 131 TIG FOOTPEDAL C/W 4 PIN AND 5 PIN PLUG		FSN2450
OTC ACCUTIG		FSOTC
PORTAMIG MACHINES. FOOTPEDAL C/W 5 PIN AMPHENOL		FSP1501
POWCON FOOTPEDAL C/W 14 PIN PLASTIC PLUG		FSPC1401
POWCON FOOTPEDAL C/W 14 PIN AMPHENOL PLUG		FSPC1402

Add required potentiometer resistance value to end of part number

Next day delivery available

Improved design for all models means unbeatable super smooth operation.
Do not accept anything less

Foot pedals continued on page 7

FOOTPEDALS - continued *EXTENDED RANGE*

SAF NERTABLOCK 260 ETC. FOOTPEDAL C/W 10 PIN AMPHENOL + 3 PIN JACK PLUG	FSSA11001
SAF TIGMATE 400 ETC. FOOTPEDAL C/W 10 PIN AMPHENOL	FSSA110
SAF PRESTOTIG 200 / 300 FOOTPEDAL C/W 10 PIN AMPHENOL	FSSA1101
SAF PRESTOTIG DC 250 FOOTPEDAL C/W 10 PIN AMPHENOL	FSSA1102
SAF SAXOTECH 1700DC FOOTPEDAL C/W 10 PIN AMPHENOL AND 2 X 4mm PLUGS	FSSA2104
SELCO GENESIS RANGE FOOTPEDAL C/W 7 PIN AMPHENOL	FSSG1701
STEL FOOTPEDAL C/W 5 PIN TUECHEL PLUG	FSSTL1501
STERLING AC/DC TIGS (AA WELDING) FOOTPEDAL C/W 5 PIN XLR PLUG	FSAA150
SUREWELD / CEA TIGTRONIC 235 / 305 ETC. FOOTPEDAL C/W 2 X 4 PIN HARTING PLUGS	FSS2401
SUREWELD 250 AC/DC FOOTPEDAL C/W 8 PIN RECTANGULAR PLUG	FSS1801
TELWYN / SEALEY / OERLIKON T1700 AC-DC TIGS FOOTPEDAL C/W 14 PIN PLASTIC PLUG	FST1401
THERMAL ARC FOOTPEDAL FOR LM300, GTS MODELS, ETC. FOOTPEDAL C/W 8 PIN PLASTIC CABLE PLUG	FST1801
THERMAL ARC 150SE, 180 AC/DC FOOTPEDAL C/W 5 PIN PLUG	FST1502
THERMAL ARC FOOTPEDAL C/W14 PIN AMPHENOL PLUG	FST1403
THERMAL ARC AC/DC 300 / 200 (ELECTROSA MADE MACHINE) 6 PIN AND 2 PIN PLUG	FSETA262
TECHNICAL ARC DC, AC/DC TIG / TIGSTART 300 FOOTPEDAL C/W 5 PIN PLUG	FSTEC1501
TECHNICAL ARC 206i / 256i AC/DC TIG FOOTPEDAL C/W 2 X 5 PIN PLUGS	FSTEC2502
TECHNICAL ARC ATIG RANGE OF DC AND AC/DC TIGS, FOOTPEDAL C/W 10 PIN AMPHENOL PLUG	FSTEC1103
WECO FOOTPEDAL C/W 6 PIN AMPHENOL CONNECTOR	FSWECO1

Want a different foot pedal? Call our technical department with your details.

REMOTE AMPERAGE PENDANT *EXTENDED RANGE*

This is a robust hand pendant which is used to control the amperage of almost any welding machine with a remote facility.
Other functions for controlling a machine can be added, for instance; a stop / start switch, pulse timer controls, etc.

MACHINE	CONNECTOR FITTED	**5M part no.**	**10M part no**	20M part No
STANDARD REMOTE	NO CONNECTOR FITTED	REM05…..	REM10…..	REM20…..
ARCGEN WELDER GENERATORS	300SD, 33300SD, 330SSD THY. VER	REMARC05	REMARC10	REMARC20
ARCGEN WELDER GENERATORS	VARIOUS	REMARC		
ESAB LHF250 / 400 etc.	3 PIN AMPHENOL	REMESA05	REMESA10	REMESA20
ESAB ARISTOTIG AC/DC 250 etc.	12 PIN BURNDY	REMESA05B	REMESA10B	REMESA20B
EWM MACHINES	19 PIN PLUG	REMEWM05	REMEWM10	REMEWM20
GENSET MPM 300 / 400	3 PIN AMPHENOL	REMGEN05	REMGEN10	REMGEN20
HITACHI TIGS	VARIOUS	REMHIT P.O.A		
KEMPPI	10 PIN AMPHENOL	REMKEM05	REMKEM10	REMKEM20
KEMPP R10	7 PIN AMPHENOL	REMKEM705	REMKEM705	REMKEM720
LINCOLN	14 PIN AMPHENOL	REMLIN05	REMLIN10	REMLIN20
LINCOLN	6 PIN AMPHENOL	REMLIN605	REMLIN610	REMLIN620
MIGATRONIC	8 PIN AMPHENOL	REMMIG05	REMMIG10	REMMIG20
MILLER MACHINES	14 PIN AMPHENOL	REMMIL05	REMMIL10	REMMIL20
MOSA WELDER GENERATORS	7 PIN PLASTIC PLUG (C16-1)	REMMOS05	REMMOS10	REMMOS20
MUREX 201i / 203i / 303i (AMPS + ARC FORCE CONTROL)	5 PIN TUCHEL	REMMUR05	REMMUR10	REMMUR20
NEWARC RT2000 / R3000 / R4500MP	7 PIN PLASTIC PLUG (C16-1)	REMNEW05	REMNEW10	REMNEW20
OERLIKON T400E HF UNIT / MULTI 506	14 PIN AMPHENOL	REMOER05	REMOER10	REMOER20
SAF	10 PIN AMPHENOL	REMSAF05	REMSAF10	REMSAF20
TECHNICAL ARC MACHINES	5 PIN XLR	REMTEC05	REMTEC10	REMTEC20
TECHNICAL ARC MACHINES	10 PIN AMPHENOL	REMATIG05	REMATIG10	REMATIG20
THERMAL ARC	14 PIN AMPHENOL	REMTHE05	REMTHE10	REMTHE20
THERMAL ARC	8 PIN PLUG	REMTHE805	REMTHE810	REMTHE820

Remotes are normally made with PVC cable, however 85 degree rubber cable or SY steel armoured cable can be fitted for £1.00 per metre extra. Please specify at time of order if required.
Other remotes & extra functions are available on request

TIG BOXES

TIG - START180i HF

The TIG – START 180i HF is a light duty TIG box which runs off the arc voltage of any DC constant current power source including MMA, inverter, and engine driven machines. No additional power supply is needed.
It completely transforms scratch start TIG to provide basic TIG welding functions for any of the above type of machines. No more gas valve torches, wasted gas, contaminated tungsten's etc.

SPECIFICATIONS

- Adjustable gas post flow
- HF arc ignition.
- Input voltage: 45 – 110VDC
- Welding range: 5 – 180 amps
- Duty cycle: 180A @ 35%

Ideal for upgrading from scratch start TIG

Approx size 180 x 220 x 160mm

TIGSTART 180i HF

TIG - START190 AC DC

The TIG – START 180i HF is a light duty TIG box which connects to any AC or DC constant current power source including MMA, inverter, and engine driven machines. A 230V power supply is needed. It completely transforms scratch start TIG to provide basic TIG welding functions, & when used with an AC power source welds aluminum superbly.

SPECIFICATIONS

- Adjustable gas post flow
- HF arc ignition
- Input voltage: 45 – 110V AC or DC
- Welding range: 5 – 190 amps
- Duty cycle: 190A @ 30%
- Power supply 230V 50VA

Approx size 180 x 220 x 160mm

TIGSTART 190 AC DC

TIG START 300 AC/DC

The TIG START 300 AC / DC is a universal TIG box which will connect onto any constant current AC or DC Stick welding power source, giving you excellent TIG welding performance at low cost.
Used with an AC output stick set, e.g. Oil cooled or air cooled welding transformers and some engine driven types, it will weld aluminum and its alloys, etc.
Used with a DC output stick set, e.g. Inverters, engine driven welder generators or conventional rectifier type power sources it will weld stainless steel, mild steel, and copper etc.

Standard functions / features

- AC / DC welding depending up on power source, to weld a wide range of materials.
- Electronic HF to start and stabilize the welding arc.
- Torch trigger normal and latch functions.
- 3/8 bsp gas and power connections to take standard TIG torches.
- Gas post flow adjustment to give a good finish without contamination to the weld.
- Heavy duty contactor built in to provide start and stopping of the welding arc.
- Works off any MMA power source with an OCV of 45 volts up to 110 volts.

Technical specifications

Welding current range -	5A – 300A
Duty cycle -	230A @ 60% / 300A @ 35%
Welding OCV range -	45V – 110V AC / DC
Aux supply	110 volts / 230 volts 50VA (please specify)

TIGSTART 300 AC DC

TIG START 300i

The TIG START 300i inline is a universal TIG box which will connect onto constant current DC Stick welding power sources to give basic TIG welding functions including HF start gas post flow stop start of the arc & trigger latching. This machine can be fitted to Inverters, engine driven welder generators or conventional rectifier type power sources, & is suitable for welding from 5A to 300A depending on power source output.

Standard functions / features

- Electronic HF to start and stabilize the welding arc.
- Torch trigger normal and latch functions.
- 3/8 bsp gas and power connections to take standard TIG torches.
- Built in gas post flow to give a good finish without contamination to the weld.
- Heavy duty contactor built in to provide start and stopping of the welding arc.
- Works off any MMA power source with an OCV of 45 volts up to 110 volts.
- Requires no separate aux. supply. (Powered by the OCV of the power source)

Technical specifications

Welding current range -	5A – 300A
Duty cycle -	230A @ 60% / 300A @ 35%
Welding OCV range -	45V – 110V DC

TIGSTART 300i

TIG START 300 SLOPE

The TIGSTART 300 SLOPE TIG box will connect onto constant current stick welding power sources to give TIG functions including control of the welding current & provide up and down slope, HF start and other TIG functions. Excellent TIG welding performance and amperage control. Suitable for use on inverters, engine driven welder generators or conventional rectifier type power sources to weld stainless steel, mild steel and copper etc.

Standard functions / features

- Amperage control, with remote socket to connect foot pedal or remote if required.
- Upslope and down slope of welding current.
- Torch trigger normal and latching functions.
- TIG / MMA switch so stick welding can also be carried out through the box.
- Gas post flow adjustment to give a good finish without contamination to weld.
- Gas flow meter fitted
- Electronic HF to start the welding arc.
- 3/8 BSP gas and power connection to take standard TIG torches.
- Heavy duty inbuilt contactor to start and stop the welding arc.
- Works with MMA power sources from 45 volts to 110 volts output.
- *Other functions are available like ammeter, etc if required.*

Technical specification

Current range (depending on power source)	5A – 300A
Duty cycle	230A@60% 300A@35%
OCV range	45 V – 110V DC
Aux volts	110V 50va (depending upon power source)

Power source must be stated before ordering this product

Made to suit various powersources including: Mosa, Genset, Arcgen, Miller (XMT), Esab, kemppi, and many more. Please enquire for compatibility to specific models

TIGSTART 300 slope

TIG COLD WIRE FEEDERS

This unit is designed as an easy add on for all TIG welding machines & torches for automatic systems or hand welding of ferrous & non ferrous materials.

The benefits of using the TIG FEED 40

- ***Superb high quality TIG welds***
- ***Much higher productivity than using filler rods***
- ***Reduced wastage of filler material***
- ***High repeatability due to very precise control of the filler wire***
- ***For manual welding reduces the skills needed to achieve top results***

Picture shows TIG FEED 40 AUTOMATIC with pool delay, sensitivity control, pulse & manual torch feed head

Optional digital meter to display amps or wire speed available.

The TIG FEED 40 shown has the following functions; precise wire speed control, sensitivity control for automatic start & stop of wire, wire pulse control, pool delay timer, inch forward & reverse & remote socket.

This unit is designed as an easy add on for all TIG welding machines, it is designed to be simple to set up & to use. The feeding of the filler wire is done automatically with the welding current making this unit perfect for high productivity TIG welding.
The pool delay timer allows for the welding pool to form before starting the feed, sensitivity control allows the feed to start & stop automatically with the welding current & to stop during slope down time if required, sensitivity control also allows for the wire to pulse in time with the welding current if required, the adjustable pulse allows the wire to dab into the welding pool independently of the welding current or in synchronisation with the welding pulse if the power source is set to pulse.
The remote socket is used for connecting various remote controls, the basic version gives inch forward, reverse & control of speed or more complex remotes can also stop & start the power source & control the welding amps.
Many other different configurations & options are available including; TIG torch connected directly to the TIG FEED, can be interfaced with a PLC etc, digital meter to display Amps or speed, etc. The TIG FEED 40 is supplied with a Teflon liner, torch bracket & wire guide.

Technical Specification TIG FEED 40 AUTOMATIC

Wire speed range	0-7 Metres per min	(can be faster or slower if required)
Auxiliary supply	110V 3 Amps	(others available on request)
Pool delay timer	0-10 seconds	
Filler wire size	0.8mm up to 3.2mm	
Independent Pulse frequency	5HZ-0.5HZ	
Welding current range	20-400 Amps AC or DC (10-200A version available on request)	

STANDARD TIG FEED 40 AUTOMATIC WITH LINER & GUIDE	PART No: WFU40AUTO
STANDARD 5 MTR REMOTE FOR TIG FEED 40	PART No: REM40AUTO

BASIC COLD WIRE TIG FEEDERS ARE ALSO AVAILABLE

WELD CLEANER

The Tec-clean 100 is designed to safely remove the discolouration of a weld on stainless steels & similar metals providing you with a clean finish without needing hazardous pickling pastes.

This machine has a carefully controlled output with an infinitely variable power setting for cleaning welds efficiently and with no chance of spoiling the work by shorting down. It is designed to be used with our cleaning pads & fluid. The earth & electrode lead are connected using standard 16-25mm connectors, the cleaning wand is very user friendly with an ergonomic handle & easily changeable stainless steel electrodes.
Dual input voltage – 110 volt or 230 volt

TEC - CLEAN 100	PART No: TECCL100
PK100 CLEANING PAD FOR ABOVE	PART No: TECCL1001
CLEANING FLUID	PART No: TECCL1002
SPARE CLEANING ELECTRODE	PART No: TECCL1003

ARC LENGTH SYSTEM ALS2000 (AVC)

Industrial quality British made automatic arc length control system for DC or AC TIG welding or Plasma welding
Ideal for use with a column & boom, positioners, rotators etc

NEW

Remote controller can be made to give many different functions including arc length, torch inch up & down, welding amps, start / stop etc

Linear actuator
Has 150mm travel as standard smaller 100mm or 50mm travel versions are also available. Internal parts are resistant to dust etc & don't need lubricating.

Plasma cutting version of this is also available

The ALS2000 controller has the following functions & features;

The welding torch can be positioned by the operator with the inch up & down buttons on the control box or on a remote control.
The arc voltage can be preset before welding by the front panel knob or on a remote control & the voltage displays on the digital readout.
A start delay timer is fitted which automatically senses when welding current is flowing & takes over control of the arc length, this time can be set between 0 & 10 seconds.
There are sensitivity & actuator speed control knobs which control how fast the actuator corrects any changes in the arc length.
An auto on light shows when the control is functioning i.e. when welding current is flowing & the start delay time has elapsed.
The ALS2000 can also be switched to manual operation allowing the operator to have full control of the welding arc length by using the up & down inch switch on a remote or on the front panel.
The control box is suitable for mounting or can be stood on top of other equipment.

Technical Specifications

ALS2000 control	
Main supply	110V 2A (others possible)
Start delay timer	0-10 seconds
Voltage control	5-50V (OCV up to 120V)
Voltage readout	Digital for preset & actual
Actuator voltage	12V
Size approx	210X370X300mm
Weight approx	10KG

Standard linear actuator	
Stroke length	150mm (100/50mm options)
Weight capacity	25KG max
Max speed	10mm per second
Limit switch	Top & bottom of travel
Torch clamp	Fitted to customer needs
Size	460X100X100mm + mounts
Weight	8KG approx

Many other specs & variations of this are available please ring for further information and prices.

SUB ARC welding tractor SAT1000

With welding head and control box

The SAT1000 is a heavy duty complete welding tractor for submerged arc welding & can be adapted to go on various power sources.
The SAT1000 comprises the tractor unit onto which is mounted the cross beam which supports the wire reel holder, the control box and the welding head. The welding head is 4 roll drive for reliable feeding of the welding wire & can feed all sizes from 1.6mm up to 6.0mm wire, the welding head can be moved in all directions to allow for many different welding positions, & can be angled from 0 - +/-45 degrees. Adjustable slides are fitted for height & lateral adjustment.
The SAT1000 control box can be fitted with the following functions: start & stop of the welding arc, Tractor speed control, Wire speed control, Wire inch up and down. Other functions can be fitted upon request.
The tractor is fitted with a clutch to manually engage or disengage drive.
Many other variations of this SAT1000 are available on request & other functions can be added as required.

Basic Specification

Welding current range	100 – 1000A
Welding wire size	1.6mm - 6.0mm
Tractor welding speed range	100mm – 1500mm per min
Wire feed speed range	0.3 – 5.0 M per min
Power supply	110V (normally from power source)
Overall weight approx	52KG

Package for boom mounting without the tractor is also available

CALL NOW!
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York, UK Y019 5UP. F: +44 (0)1904 414973
E: sales@technicalarc.co.uk or service@technicalarc.co.uk

WATERCOOLERS

XC600 WATERCOOLER

The XC600 water cooler is a very compact and robust unit & is fitted with a long life rotary pump. The small footprint makes it ideal for fitting onto the bottle carrier at the back of a power source or free standing. There are three versions, a 110 volt, a 230 volt, and a 400 volt. They have 3/8 BSP brass fittings for the water connections as standard, or snap fittings if requested. This unit is suitable for most welding applications up to 600 amps. For an extra £30.00 an internal flow switch can be fitted to interface with the power source to prevent damage occurring to the welding torch in the event of a flow problem. For the option of an internal flow switch fitted, please add FSW to the end of the relevant part number shown below.

Technical specifications

Electrical

XC600110 110V	+/- 10%, Freq. 50/60Hz, 3.0A
XC600230 230V	+/- 10%, Freq. 50/60Hz, 1.4A
XC600400 400V	+/- 10%, Freq. 50/60Hz, 1.0A

Performance – All models

Flow rates	Max 10 litres/min (typ. 2 – 3 litres/min through torch).
Pressure -	Typ. 2 – 3 bar
Cooling capacity -	900 watts / 21`C rise above ambient.
Typical application -	MIG to 600A. TIG to 400A. Res up to 45KVA.
Approx. Dimensions -	245mm Length, 210mm Width, 430mm Height.

TYPE	PART No.
110 VOLT WATERCOOLER	XC600110
230 VOLT WATERCOOLER	XC600230
400 VOLT WATERCOOLER	XC600400

WATERCOOLERS IN BLACK, PLEASE ADD `BLACK` TO THE END OF THE PART NUMBER

Available in black or yellow, please state when ordering

On three phase 400V machines 400V coolers have the advantage of easy connecting without worrying about the rating of the supply

WATERCOOLER TROLLEY (Industrial size)

This unique trolley is designed to turn an air-cooled machine into a neat water-cooled package.
The water cooling is built into the underside of the chassis with snap fittings & a on off switch on the front. This robust design can cope with 100's of different types of machines. It is designed to carry a full size bottle, a power source, and a wire feed unit or TIG HF box & is available in 110V, 230V and 400V. The supply cable is at the rear & is ideally placed for connecting into the rear of a power source. The top tray has adjustable mounting heights.
This trolley can be bought without the water cooler system for air cooled applications.

SPECIFICATION

Max power source size 670mm L x 360mm W x 730mm H Ideal for Miller XMT, Phoenix 456, Maxstar, Lincoln etc

Technical specifications

Flow rates	Max 10 litres / min (typ. 2 – 3 litres / min).
Pressure -	Typ. 2 – 3 bar
Cooling capacity -	900 watts / 21`C rise above ambient.
Typical application -	MIG to 600A. TIG to 400A. Res up to 45KVA.
Size approx	950mm L x 400mm x 1050mm (inc handles)

Electrical

WT110	110V +/- 10%, 50/60Hz, 3.0A
WT230	230V +/- 10%, 50/60Hz, 1.4A
WT400	400V +/- 10%, 50/60Hz, 1.0A

MODEL	DESCRIPTION	PART No.
WT110	Trolley with 110V built in water cooler	WT110
WT230	Trolley with 230V built in water cooler	WT230
WT400	Trolley with 400V built in water cooler	WT400
TROLLEY ONLY	Trolley with *NO* built in water cooler	WT001

An up rated, heavy duty version of the water cooler trolley is available for TIG machines over 400A ETC. Please add HD to the above part numbers for the trolley you require, and add £40.00 to the price.

SPECIFICATIONS for the heavy duty water cooler trolley

Performance – All HD models

Flow rates	Max 10 litres / min (typ. 2 – 3 litres / min).
Pressure -	Typ. 2 – 3 bar
Cooling capacity -	1200 watts / 21`C rise above ambient.
Typical application -	700A MIGs / 500A AC/DC TIGs

Technical specifications

Electrical

WT110	110V +/- 10%, 50/60Hz, 3.2A
WT230	230V +/- 10%, 50/60Hz, 1.5A
WT400	400V +/- 10%, 50/60Hz, 1.1A

Plugs can be fitted to any of the coolers to suit the power source auxiliary socket.

All our water coolers are manufactured to comply with BS EN60974-2. For safety reasons do not accept anything less.

TURNTABLES – PROFESSIONAL WELDING POSITIONERS

The TT600, TT1000 and TT3000 are the ideal solution for producing a circular weld, fast and accurately, or for accurately & rapidly positioning the work piece for welding, etc.

Optional quick release self centre chuck
Accepts from 5mm to 210mm internal or external clamping.
Comes with 2 types of jaws

As standard the TT600, TT1000 & TT3000 are supplied with a foot switch to stop & start the rotation. On the front panel there is a switch to select clockwise or anticlockwise rotation, a knob to control the speed & a high-low speed range switch for more accurate setting. The turntable can be positioned to any angle between horizontal & 90 degrees, a hand wheel which drives a worm gear is fitted at the rear to adjust this angle, a lock off device is fitted to prevent the table being accidentally moved or knocked off angle. The table is machined with 6 slots 90X12mm for mounting jigs or the chuck. The table is also scored every 30mm with a circle to assist in accurate setting up of the job. Under the table is a substantial brass bush arrangement for the welding earth return and we supply a 2M welding lead attached to this.
The TT1000 Precision & TT3000 are fitted with a double reduction gearbox to enable work at slower speeds & higher torque.
All models are protected from HF interference.

TECHNICAL SPECIFICATIONS	TT600	TT1000	TT1000 Precision	TT3000
Input Voltage:	110V / 230V	110V / 230V	110V / 230V	110V / 230V
Max welding current:	350A @ 60%	450A @ 60%	450A @ 60%	450A @ 60%
Max load – turntable in the horizontal position:	60KG	100KG	100KG	300KG
Max load – turntable in the vertical position (90 degree):	25KG	50KG	50KG	150KG
Rotation speed:	0.5 – 12 rpm	0.2 – 15 rpm	0.1 – 5 rpm	0.1 – 2.5 rpm
Table diameter	345mm	345mm	345mm	450mm
Dimensions: Height	380mm	420mm	420mm	600mm
Width	430mm	430mm	430mm	550mm
Length	440mm	440mm	440mm	600mm

New Product now available

Options

Remote socket for stop / start to interface with a robot, welding machine, etc
Control to give automatic start and stop of rotation with the welding current.
Foot pedal to give stop start of the rotation with variable speed control on the pedal and start of the power source as well if required.
Timer control (for pool delay or spot welds, etc) & an output to drive the power source, so only one control signal is needed to start the whole process.
Please enquire for further possibilities.

TURNTABLE	PART No.
TT600 standard	TT600
TT600 C/W DIGITAL TIMER	TT600TD
TT1000 standard	TT1000
TT1000 C/W DIGITAL TIMER	TT1000TD
TT1000 PRECISION	TT1000P
TT1000 PRECISION C/W TIMER	TT1000PTD
TT3000 standard	TT3000
TT3000 C/W DIGITAL TIMER	TT3000TD
OPTIONAL 8'' CHUCK	TTCH210

Other chucks also available

Fully automatic systems also available

VOLTAGE REDUCTION DEVICE

VRD300i

The Vrd300i is an open circuit voltage reducer, designed for use with MMA welding machines to provide a low voltage of less than 24 volts DC at the electrode holder when welding is not in progress. This reduces the risk of electric shock to the operator, which is especially important when welding in areas of increased hazard. The unit is designed to run off any AC or DC powersource.

Features

Inline open circuit reducer, which requires no auxiliary power supply.
Open circuit voltage is less than 24 volts and always DC.
AC or DC operation.
Reduced OCV Less than 24 volts DC
Inbuilt anti-stick circuit switches off power if electrode freezes in weld.
Operating time of unit to a safe voltage is within 0.3 seconds.
Green light shows unit is ready to weld.
Unit constantly monitors OCV, in the event of a fault a red light starts to flash.
Designed to meet BS EN60974-1

Technical specifications

Powersource	OCV 50 – 100V AC or DC
Amperage rating	300A @ 60% 250A @ 100% AC or DC
Operating time T1	(Start time available after touch down) 0 – 2 seconds
Operating time T2	(time to reduce to safe voltage) 0.3 – 1 seconds

SPOOL ON GUN SYSTEMS

SGS240 spool gun system

A ready to weld system which fits all machines with a Euro connection in seconds
Unique design means no separate control box or mains supply is needed just plug in & weld.

- 8 metre flexible high temp coaxial cable with spring cable supports at ends
- BZL compatible front end consumables & standard 102mm wire spools
- New design allows unbeatable easy access to wire spool & feed system
- Infinitely variable wire speed control
- 240A max current @ 40% , 200A @ 60% duty cycle (mixed gasses)
- Can be moved from machine to machine in seconds
- Superb welding performance on aluminium, stainless & mild steel

SGS240 8M package complete

Patent pending on our SGS & PPS range of guns

SGS360 spool gun system

A ready to weld system which fits all machines with a Euro connection in seconds
Unique design means no separate control box or mains supply is needed just plug in & weld.

Swan neck can be unscrewed & changed easily with optional bent

- No control box needed just plug into front of any MIG machine with a Euro
- 8 metre flexible high temp coaxial cable with spring cable supports at ends
- BZL compatible front end consumables & standard 102mm wire spools
- Infinitely variable wire speed control
- 360A max current @ 40%, 270A @ 60% duty cycle (mixed gasses)
- Can be moved from machine to machine in seconds
- Wire spool holder turns to a side or down for best access
- Superb welding performance on aluminium, stainless & mild steel
- Optional bent neck allows positioning to any angle
- Option for shorter or longer cable assembly

SGS360 8M package complete

PUSH PULL GUN SYSTEM

PPS360 spool gun system

A ready to weld system which fits virtually all MIG machines with a Euro connection in seconds
Unique design means no separate control box or fitting is needed just plug in & weld.
*The first industrial quality lower cost push pull torch *
The first push pull torch to plug straight onto any MIG with a Euro, without any modification to the machine.

Swan neck can be unscrewed & changed easily with optional bent

- No fitting needed just plug into front of any MIG machine with a Euro
- 8 metre flexible high temp coaxial cable with spring cable supports at ends
- BZL compatible front end consumables
- 360A max current @ 40%, 270A @ 60% duty cycle (mixed gasses)
- Can be moved from machine to machine in seconds
- Superb welding performance on aluminium, stainless & mild steel
- Optional bent neck allows positioning to any angle
- Option for shorter or longer cable assembly

SGS360 8M package complete

Water cooled push pull under development

'Invest in the best' quality made British welding equipment

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WIRE FEED UNITS UNIVERSAL

OPEN SPOOL TYPE WIRE FEED UNITS

MODEL	FEED SYSTEM	VOLTAGE	PART No
STANDARD RANGE - SWISS MADE WIRE DRIVE SYSTEM.			
F2	2 ROLL DRIVE	24 V ~	WFU224
		42 V ~	WFU242
		MULTI VOLTAGE	WFU2M
F2G	2 ROLL GEARED	24 V ~	WFU2G24
		42 V ~	WFU2G42
		MULTI VOLTAGE	WFU2GM
F4	4 ROLL DRIVE	24 V ~	WFU424
		42 V ~	WFU442
		MULTI VOLTAGE	WFU4M
F4G	4 ROLL DRIVE GEARED PRESSURE ROLLERS	24 V ~	WFU4G24
		42 V ~	WFU4G42
		MULTI VOLTAGE	WFU4GM
ECO RANGE– ROBUST, GOOD QUALITY & COST EFFECTIVE.			
F20	2 ROLL DRIVE (METAL PLATE)	24 V ~	WFU2024
		42 V ~	WFU2042
		MULTI VOLTAGE	WFU20M
F20G	2 ROLL GEARED (METAL PLATE)	24 V ~	WFU20G24
		42 V ~	WFU20G42
		MULTI VOLTAGE	WFU20GM
F40	4 ROLL DRIVE (METAL PLATE)	24 V ~	WFU4024
		42 V ~	WFU4042
		MULTI VOLTAGE	WFU40M
F40G	4 ROLL GEARED PRESSURE ROLLERS	24 V ~	WFU40G24
		42 V ~	WFU40G42
		MULTI VOLTAGE	WFU40GM
F400G (40MM ROLLERS)	HEAVY DUTY 4 ROLL DRIVE GEARED TOP ARMS	24 V ~	WFU400G24
		42 V ~	WFU400G42
		MULTI VOLTAGE	WFU400GM

Open spool style feeder, standard & eco range, all models

Enclosed style feeder.

Open style feeder fitted with plastic spool cover

FULLY ENCLOSED WIRE FEED UNIT OPTION

The above wire feed units can be made as a fully enclosed wire feed unit where the wire is protected inside the unit.
For ordering an enclosed model please quote one of the above part numbers and add EN to the end of it. (For example WFU4024EN)

OPEN FEEDER WITH SPOOL COVER OPTION

The above open feeders can be supplied fitted with a robust wire spool cover.
For ordering with a spool cover add SPC to end of part number (For example WFU4024SPC)

From January 2010 all universal wire feed units now come fitted with a heavier duty panel plug with matching cable socket supplied.
The above standard & eco universal feeders all have the same heavy duty PCB, motor & other parts, & all have the following standard functions: - wire speed control, wire inch, gas purge, trigger latch, and burn back control.
All the wire feed units are very robustly constructed with a heavy gauge chassis and panels, all are fitted with 4 feet under the chassis however 4 casters can be fitted if specified. All models are built by us to BS EN 60974- 5 & are CE marked.
Multi voltage feeders can be set up to run off a 24 volt, 42 / 48 volt, or 110 volt supply. Wiring diagrams for connecting the wire feed units to power sources can be supplied on request. All the wire feed units are sold with one years warranty cover.
Approx sizes Open style L=550mm, W=235mm, H=330mm, weight 14KG Enclosed style L=570mm, W=220mm, H=400mm, weight= 15KG

All our wire feed units can be made with a different connector and wired to suit a particular make and model of power source, making them 100% interchangeable with original equipment.

All models are available in yellow, blue of red, please specify at time of order if you have a preference.

LOW COST LIGHT DUTY WIRE FEED UNITS - 22V – 48V AC INPUT VOLTAGE

F120G	For light duty applications max 1.0mm wire	2 ROLL GEARED W.F.U WITH NO INTERCON	WFU12000
		2 ROLL GEARED W.F.U WITH 5MTR INTERCON FITTED	WFU12005
		2 ROLL GEARED W.F.U WITH 10MTR INTERCON FITTED	WFU12010
F140	For light duty applications max 1.2mm wire	4 ROLL W.F.U WITH NO INTERCON	WFU14000
		4 ROLL W.F.U WITH 5MTR INTERCON FITTED	WFU14005
		4 ROLL W.F.U WITH 10MTR INTERCON FITTED	WFU14010

Max amps on both models is 300A @ max 50% duty cycle
Input voltage, 22V – 48V AC (NO VOLTAGE SELECTION, W.F.U DOES ALL)
Functions, Wire speed control, built in burnback
Feed units without an intercon fitted are supplied with a cable socket to fit the plug on the rear of the feeder.

WIRE FEED UNITS - ARC VOLTAGE

TECFEED 350i SUITCASE WIRE FEED UNIT – heavy duty arc voltage feeder

The TECFEED 350i feed is robustly constructed in a reinforced moulded case to give a fully enclosed wire feed unit which is well sealed against the elements. Due to rugged construction this is ideal for all site welding in harsh environments & also are very portable. This wire feed unit is designed to run off virtually any constant current or constant voltage powersource, including MMA, TIG, MIG and engine driven type DC powersources. The wire feed unit requires no additional supplies, only welding cable connections, and can run positive or negative polarity, giving very good performances with solid or flux cored wires.

- Arc voltage sensing wire speed control for arc stability,
- 4 roll drive system for the best feeding of wire
- Burnback control,
- Normal trigger, and trigger latch functions,
- Wire inch
- Contactor and gas valve fitted as standard,
- Takes a 15kg reel of wire
- Welding current range – 50 to 350 amps
- Will work with input voltages of between 20 – 110V, (Welding down to 15V)

New Product now available

15KG spools

TECFEED 350i

Optional Amps and voltage digital readout, and optional flow gauge can be fitted. Size approx L=560mm, W210=mm, H=420mm, 10KG approx

TECFEED 350i SUITCASE COMPACT WIRE FEED UNIT – heavy duty arc voltage feeder

The TECFEED 350i compact is robustly constructed in a reinforced moulded case to give a fully enclosed wire feed unit which is well sealed against the elements. Due to rugged construction this is ideal for all site welding in harsh environments & also are very portable. This wire feed unit is designed to run off virtually any constant current or constant voltage powersource, including MMA, TIG, MIG and engine driven type DC powersources. The wire feed unit requires no additional supplies, only welding cable connections, and can run positive or negative polarity, giving very good performances with solid or flux cored wires.

- Arc voltage sensing wire speed control for arc stability,
- 4 roll drive system for the best feeding of wire
- Burnback control,
- Normal trigger, and trigger latch functions
- Contactor and gas valve fitted as standard
- Takes a 5kg reel of wire
- Welding current range – 50 to 350 amps
- Will work with input voltages of between 20 – 110V, (Welding down to 15V)

New Product now available

5KG spools

TECFEED 350iC

Optional Amps and voltage digital readout, and optional flow gauge can be fitted.
Size approx L=460mm, W170=mm, H=360mm, 8KG approx

F40i WIRE FEED UNIT- heavy duty arc voltage feeder

Four roll drive wire feed unit designed to run off virtually any constant current or constant voltage powersource, including MMA, TIG, MIG and engine driven type DC powersources. The F40 inline wire feed unit requires no additional supplies, only welding cable connections, and can run positive or negative polarity, giving very good performances with solid or flux cored wires. Features include:-

- Arc voltage sensing wire speed control for arc stability,
- Burnback control,
- Normal trigger, and trigger latch functions,
- Wire inch,
- Contactor and gas valve fitted,
- Takes a 15kg reel of wire,
- Welding current range – 50 to 300 amps
- Will work with input voltages of between 20 – 110V, (Welding down to 15V)

15KG spools

F40i

Size approx L=570mm, W=220mm, H=400mm Weight: 15KG
Picture shows casters fitted instead of feet, this option on any feeder is an extra £10

F120i ARC VOLTAGE WIRE FEED UNIT – light duty arc voltage feeder

Two roll drive wire feed unit designed to run off virtually any constant current or constant voltage powersource, including MMA, TIG, MIG and engine driven type DC powersources. The F120i inline wire feed unit requires no additional supplies, only welding cable connections, and can run positive or negative polarity, giving very good performances with solid or flux cored wires.
Arc voltage sensing wire speed control for arc stability, contactor and gas valve fitted,
takes a 15kg reel of wire, welding current range – 50 to 200 amps; (200A @ 40% duty cycle)
Will work with input voltages of between 21 – 100V, (Welding down to 15V)
Dimensions: L=550mm, W=235mm, H=330mm
Weight: 14KG

15KG spools

F120i

F2000i SITE WIRE FEED UNIT – light duty arc voltage feeder

Light weight, very small and compact wire feed unit. Designed for site work, it will run off virtually any constant current or constant voltage powersource, including MMA, TIG, MIG and engine driven type DC powersources. The F2000i inline wire feed unit requires no additional supplies, only welding cable connections, and can run positive or negative polarity, giving very good performances with solid or flux cored wires.

Arc voltage sensing wire speed control for arc stability, Contactor and gas valve fitted,
takes standard 5kg reels of wire, Burnback control, 2 roll geared feed system.
Welding current range – 40 to 200 amps (200A @ 40% duty cycle)
Will work with input voltages of between 20 – 110V (Welding down to 15V)
Dimensions: L=500mm, W=185mm, H=330mm Approx Weight: 7KG

5KG spools

F2000i

TORCHES MIG & TIG

MIG Torch range (premium quality)

All are fitted with high temperature rated USA made power cable which has spring supports at torch & Euro, spring loaded trigger pins, high temp thermoplastic handle with ball joint at cable entry, full set of consumables including 2 spare tips, liner factory fitted, the 360A has HD M8 consumables, all have Binzel compatible parts.

TORCH	LENGTH	AMPERAGE	PART No.
TA15	3MTR	150A	TA15-3
TA15	4MTR	150A	TA15-4
TA25	3MTR	250A	TA25-3
TA25	4MTR	250A	TA25-4
TA25	5MTR	250A	TA25-5
TA36	3MTR	360A	TA36-3
TA36	4MTR	360A	TA36-4
TA36	5MTR	360A	TA36-5

Definitely NOT an economy torch.

Satisfaction guaranteed

TIG Torch range (premium quality)

All TIG torches have heat resisting highly flexible rubber power cables, the switched torches have a rubber outer cover fitted.

Switched torches include an accessory kit of back cap, collet body, collet & ceramic.

TORCH

WP17V-12 12 foot gas valve torch 1 piece, c/w back cap, no switch
WP26V-12 12 foot gas valve torch 1 piece, c/w back cap, no switch

WP9-12 12 foot, 1 piece c/w 950M switch lead, rubber outer sheath
WP9F-12 flexi head 12 foot, 1 piece c/w 950M switch lead, rubber sheath
WP9-25 25 foot, 1 piece c/w 950M switch lead, rubber outer sheath
WP9F-25 flexi head 25 foot, 1 piece c/w 950M switch lead, rubber sheath

WP17-12 12 foot, 1 piece c/w 950M switch lead, rubber outer sheath
WP17F-12 flexi head12 foot, 1 piece c/w 950M switch lead, rubber sheath
WP17-25 25 foot, 1 piece c/w 950M switch lead, rubber outer sheath
WP17F-25 flexi head 25 foot, 1 piece c/w 950M switch lead, rubber sheath

WP26-12 12 foot, 1 piece c/w 950M switch lead, rubber outer sheath
WP26F-12 flexi head12 foot, 1 piece c/w 950M switch lead, rubber sheath
WP26-25 25 foot, 1 piece c/w 950M switch lead, rubber outer sheath
WP26F-25 flexi head 25 foot, 1 piece c/w 950M switch lead, rubber sheath

WP20-12 12 foot, w cooled c/w 950M switch lead, rubber outer sheath
WP20F-12 flexi head12 foot, w cooled c/w 950M switch lead, rubber sheath
WP20-25 25 foot, w cooled c/w 950M switch lead, rubber outer sheath
WP20F-25 flexi head 25 foot, w cooled c/w 950M switch lead, rubber sheath

WP18-12 12 foot, w cooled, c/w 950M switch lead, rubber outer sheath
WP18F-12 flexi head12 foot, w cooled c/w 950M switch lead, rubber sheath
WP18-25 25 foot, w cooled, c/w 950M switch lead, rubber outer sheath
WP18F-25 flexi head 25 foot, w cooled c/w 950M switch lead, rubber sheath

TIG TORCH POWER ADAPTOR 35-70
(TOP QUALITY) – (GAS & POWER / WATER & POWER)
35/70 Male power - 3/8 BSP male connections, + 3/8 BSP gas / water connection
PART No: GAS5038

TIG TORCH POWER ADAPTOR 16-25
(TOP QUALITY) – (GAS & POWER / WATER & POWER)
16/25 Male power - 3/8 BSP male connections, + 3/8 BSP gas / water connection
PART No: GAS2538

The above torches can also be fitted with an ergo handle with remote amperage control facility, micro switch, screened cable and a plug to suit powersource. When ordering a torch with a remote control on it please add RM to the end of the part number. Please state powersource and confirm plug when ordering.

TIG TORCH ZIPPER COVERS 12FT SHZ3012 25FT SHZ3025

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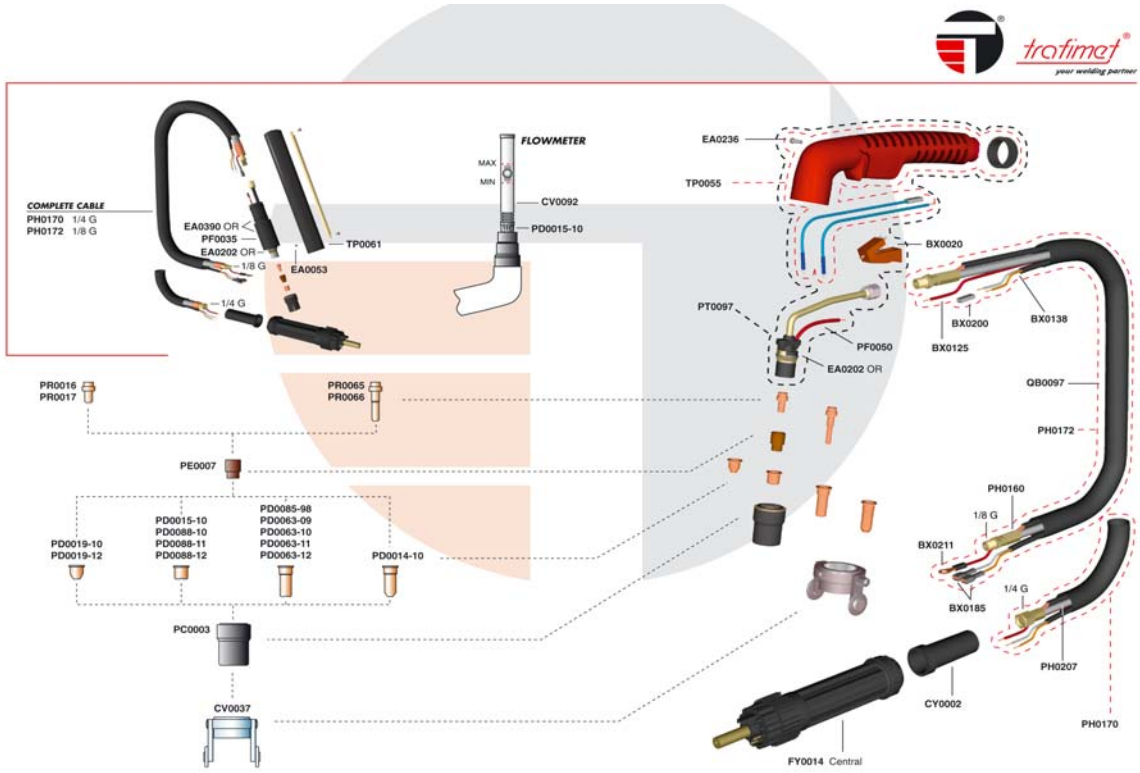
PLASMA CUTTING TORCHES

TRAFIMET CB50 ERGO PLASMA TORCH

The Trafimet CB50 torch is a high quality very popular low cost torch which can be fitted to most machines with HF start up to 50 amps. The low cost & easy availability of parts makes it an ideal choice for replacing torches on many different machines.This torch has 100% compatible consumables with the Cebora Prof 50 type torch & is fitted to many different machines including the TECARC 46i & 56i.

TORCH	LENGTH	AMPERAGE	CONNECTION	PART No.	
CB50 COMPLETE TORCH	6MTR	50A @ 60%	1/8 bsp male	PA1300	(Prof 50 replacement)
CB50 COMPLETE TORCH	6MTR	50A @ 60%	1/4 bsp male	PA1301	
CB50 COMPLETE TORCH	6MTR	50A @ 60%	EURO ADAPTOR	PA1302	



CONSUMABLES AND SPARES

PART No	DESCRIPTION	PACK SIZE .
PR0017	C1521-H electrode CB50	10
PE0007	C1510 swirl ring diffuser	1
PD0088-10	C1396 cutting tip 1.0mm long life	10
PD0088-12	C1308 cutting tip 1.2mm long life	10
PC0003	5710121 outer nozzle	1
PR0065	C1518-H long electrode	10
PD0063-10	C1395 long cutting tip 1.0mm long life	10
PD0063-12	long cutting tip 1.2mm long life	10
PF0050	CB50 TORCH head Trafimet type Ergocut	1
TP0055	Handle assy	1 pair
CV0037	Roller guide	1
CV0036	Circle cutting kit complete CB50 only	1
BX0020	Torch trigger switch	1
PH0172	6M torch cable assy complete	1

Circle cutting kit allows cutting from 100mm to 1330mm diameter holes

Free advice on selecting the correct plasma torch to fit your machine, just phone our technical dept

We can supply any torch with different end fittings to suit your machine.

We can also fit & test any of our Trafimet plasma torches to your machine

Torch heads for Cebora type Prof 50 torches

PF0033 C1352 Prof 50 Cebora type black moulded head

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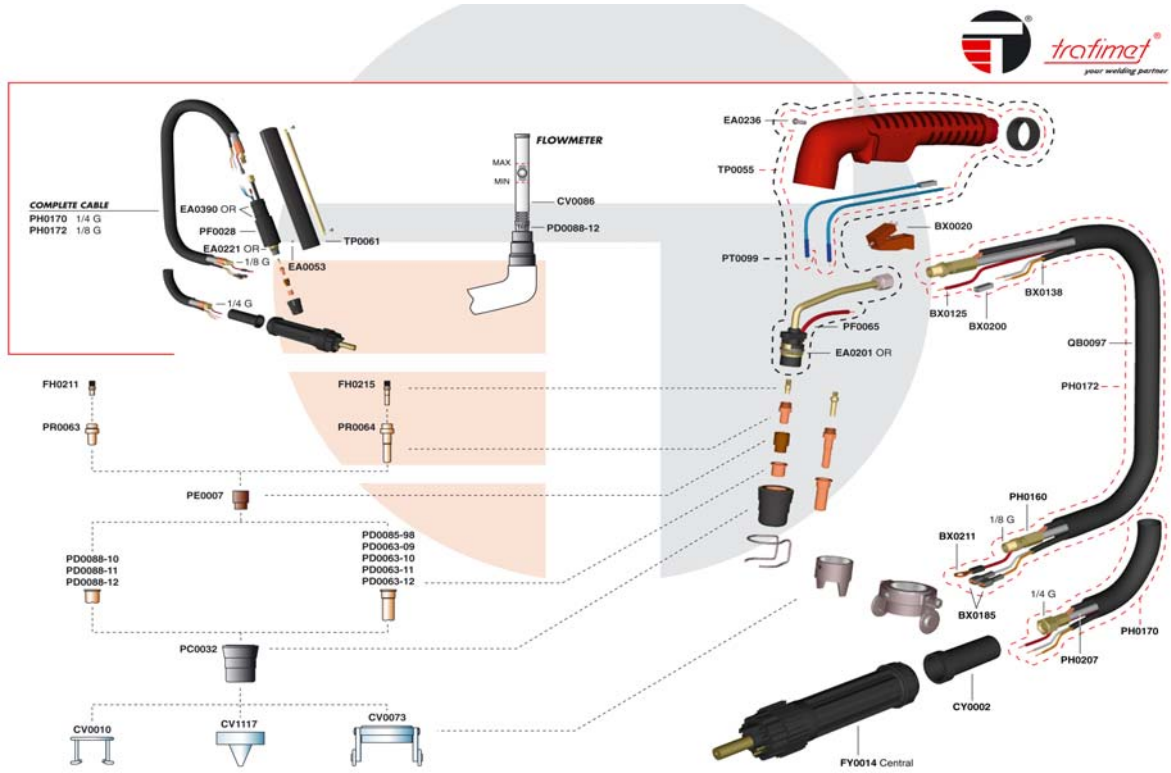
PLASMA CUTTING TORCHES

TRAFIMET CB70 ERGO PLASMA TORCH

The Trafimet CB70 torch is a high quality low cost torch which can be fitted to most machines with HF start up to 70 amps. The low cost & easy availability of parts makes it an ideal choice for replacing torches on many different machines. This torch has 100% compatible consumables with the Cebora Prof 70 type torch & is used by many different manufacturers; we fit this torch to our TECARC 76i plasma.

TORCH	LENGTH	AMPERAGE	CONNECTION	PART No.
CB70 COMPLETE TORCH	6MTR	70A @ 60%	1/8 bsp male	PA1320
CB70 COMPLETE TORCH	6MTR	70A @ 60%	1/4 bsp male	PA1321
CB70 COMPLETE TORCH	6MTR	70A @ 60%	EURO ADAPTOR	PA1322



CONSUMABLES AND SPARES

PART No	DESCRIPTION	PACK SIZE.
PR0063	electrode C1402	10
PE0007	swirl ring diffuser C1510	1
PD0088-10	cutting tip 1.0mm long life C1396	10
PD0088-12	cutting tip 1.2mm long life C1308	10
PC0032	outer nozzle 5710171	1
PR0064	long electrode C1403	10
PD0063-10	long cutting tip 1.0mm long life C1395	10
PD0063-12	long cutting tip 1.2mm long life	10
PF0065	CB70 torch head Trafimet type Ergocut	1
TP0055	Handle assy	1 pair
CV0010	guide spring C1394	1
CV0073	Roller guide	1
CV0074	Circle cutting kit complete CB70 only	1
BX0020	Torch trigger switch	1
PH0172	6M torch cable assy complete	1

Circle cutting kit allows cutting from 100mm to 1330mm diameter holes

Free advice on selecting the correct plasma torch to fit your machine, just phone our technical dept

We can supply any torch with different end fittings to suit your machine.

We can also fit & test any of our Trafimet plasma torches to your machine

Torch heads for Cebora type Prof 70 torches

PF0030 C1351 Prof 70 Cebora type black moulded head

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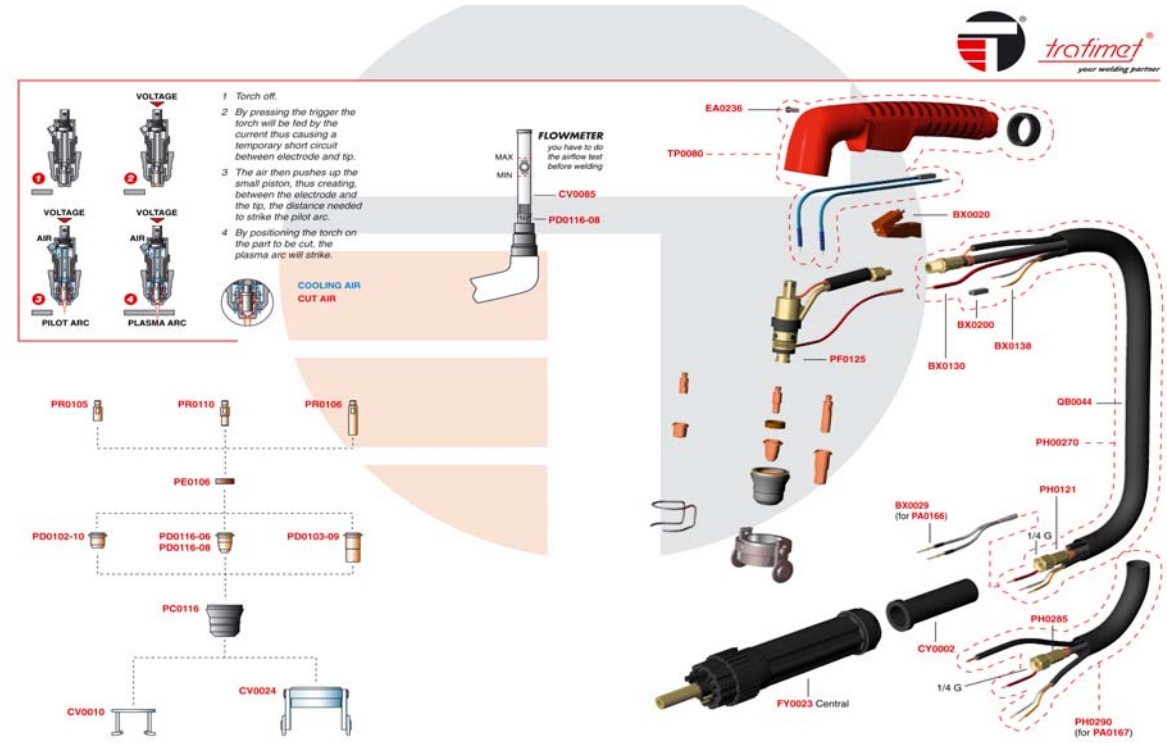
PLASMA CUTTING TORCHES

TRAFIMET S45 ERGO PLASMA TORCH (ALSO same as S25)

The Trafimet S45 torch is a high quality Non HF torch which can be fitted to most machines with air start up to 45Amps. The low cost & easy availability of parts makes it an ideal choice for replacing torches on many different machines. The S45 torch has a compact head & small consumables so is ideal for more delicate work. This torch is used by many manufacturers including Oerlikon, CEA, Telwin etc it can also be fitted onto 100's of models of machine including Hypertherm, Thermadyne, ESAB, Cebora etc.

TORCH	LENGTH	AMPERAGE	CONNECTION	PART No.
S45 COMPLETE TORCH	4MTR	40A @ 60%	¼ bsp	PA0167
S45 COMPLETE TORCH	4MTR	40A @ 60%	EURO ADAPTOR	PA0167-EURO



CONSUMABLES AND SPARES

PART No	DESCRIPTION	PACK SIZE.
PR0110	electrode standard	10
PE0106	swirl ring diffuser	1
PD0102-10	cutting tip	10
PD0116-08	cutting tip 0.8mm	10
PD0116-06	cutting tip 0.6mm	10
PD0103-09	long tip 0.9mm	10
PR0105	electrode	10
PC0116	outer nozzle	1
PR0106	long electrode	10
CV0024	cutting carriage on wheels	1
PF0125	S45 torch head	1
BX0020	Torch trigger switch	1
TP0080	Handle kit complete	1 pair
CV0025	Circle cutting kit complete	1

Circle cutting kit allows cutting from 100mm to 1330mm diameter holes

Free advice on selecting the correct plasma torch to fit your machine, just phone our technical dept

We can supply any torch with different end fittings to suit your machine.

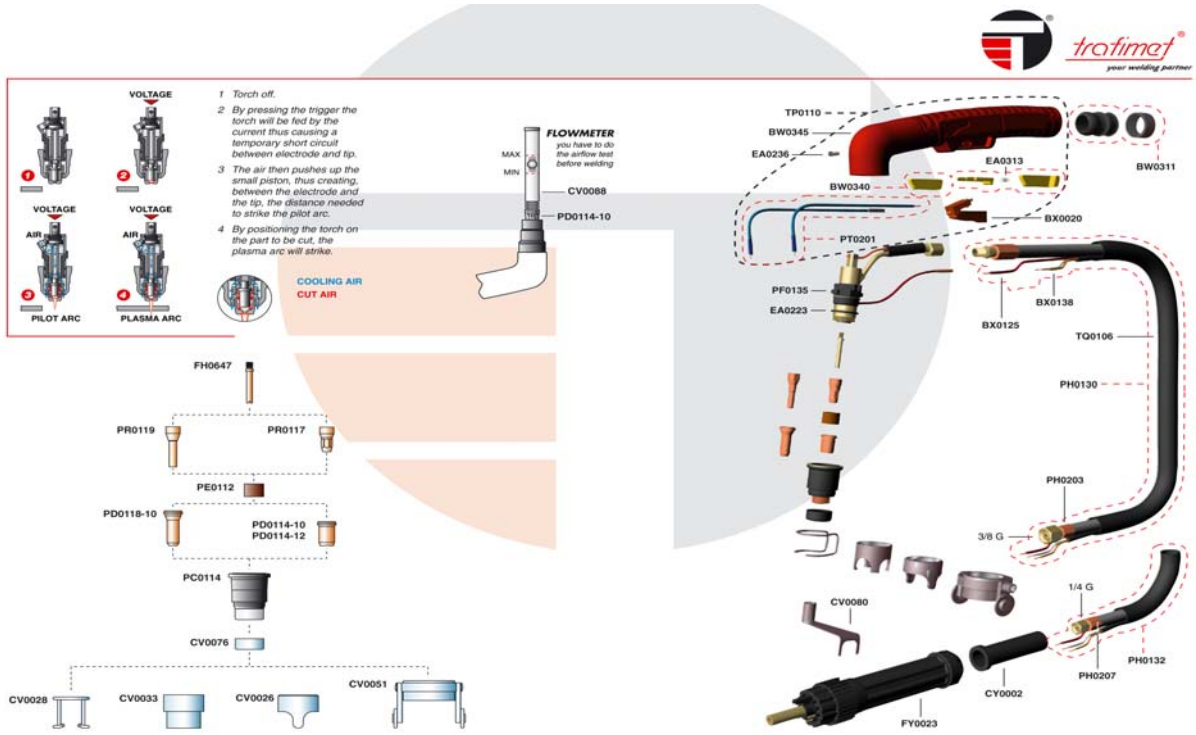
We can also fit & test any of our Trafimet plasma torches to your machine

PLASMA CUTTING TORCHES

TRAFIMET S75 ERGO PLASMA TORCH

The Trafimet S75 torch is a high quality Non HF torch which can be fitted to most machines with air start up to 75Amps. The low cost & easy availability of parts makes it an ideal choice for replacing torches on many different machines. This torch is particularly suitable for some Hypertherm & Thermadyne machines.

TORCH	LENGTH	AMPERAGE	CONNECTION	PART No.
S75 COMPLETE TORCH	6MTR	70A @ 60%	¼ bsp	PA1606
S75 COMPLETE TORCH	6MTR	70A @ 60%	3/8 bsp	PA1602
S75 COMPLETE TORCH	6MTR	70A @ 60%	EURO ADAPTOR	PA1604



CONSUMABLES AND SPARES

PART No	DESCRIPTION	PACK SIZE.
PR0117	electrode	10
PE0112	swirl ring	1
PD0114-10	cutting tip 1.0mm	10
PD0114-12	cutting tip 1.2mm	10
PC0114	outer nozzle	1
CV0076	nozzle stand off guide	1
CV0028	stand off guide spring	1
CV0026	stand off guide 2 pin	1
CV0033	stand off guide 4 pin	1
CV0051	stand off carriage	1
PF0135	torch head	1
TP0110	handle kit	1
BW0345	Handle only	1
BW0340	safety trigger	1
BX0020	Torch trigger switch	1
PT0201	safety contact kit S75- A141	1
CV0052	Circle cutting kit complete	1

Circle cutting kit allows cutting from 100mm to 1330mm diameter holes

Free advice on selecting the correct plasma torch to fit your machine, just phone our technical dept.

We can supply any torch with different end fittings to suit your machine.

We can also fit & test any of our Trafimet plasma torches to your machine

CALL NOW!
+44 (0)1904 410041
Technical ARC, Outgang Lane Osbaldwick, York, UK Y019 5UP. F: +44 (0)1904 414973
E: sales@technicalarc.co.uk or service@technicalarc.co.uk

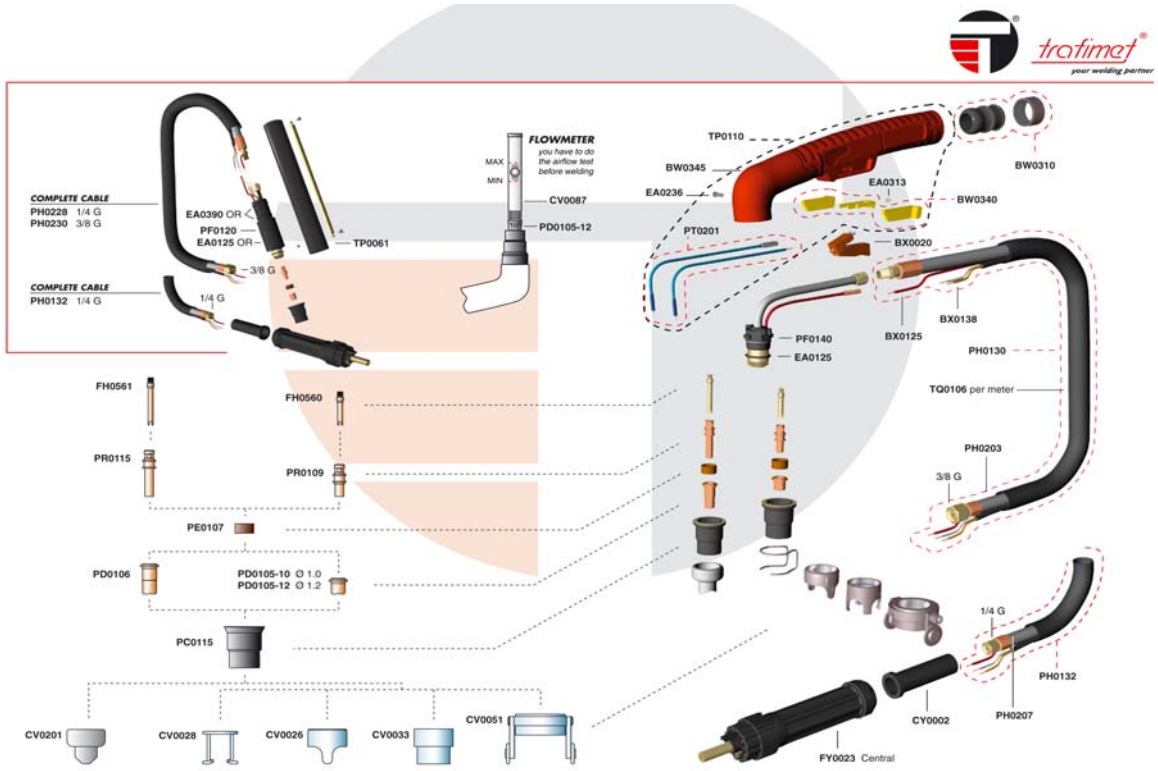
PLASMA CUTTING TORCHES

TRAFIMET A81 ERGO PLASMA TORCH

The Trafimet A81 torch is a high quality HF torch which can be fitted to most machines with HF start up to 80 Amps. The low cost & easy availability of parts makes it an ideal choice for replacing torches on many different machines. This is fitted to our TECARC 86i plasma.

A81 PLASMA TORCH

TORCH	LENGTH	AMPERAGE	CONNECTION	PART No.
A81 COMPLETE TORCH	6MTR	80A @ 60%	¼ bsp	PA1404
A81 COMPLETE TORCH	6MTR	80A @ 60%	EURO ADAPTOR	PA1402
A81 COMPLETE TORCH	6MTR	80A @ 60%	3/8 bsp	PA1400
A81 COMPLETE TORCH	6MTR	80A @ 60%	M14x1	PA1405



CONSUMABLES AND SPARES

PART No	DESCRIPTION	PACK SIZE.
PR0109	Electrode long life	10
PE0107	swirl ring diffuser	1
PD0105-11	cutting tip 1.1mm	10
PD0105-12	cutting tip 1.2mm	10
PC0115	outer nozzle	1
CV0028	stand off guide spring	1
CV0026	stand off guide 2 pin	1
CV0033	stand off guide 4 pin	1
CV0051	stand off carriage	1
PF0140	A81 torch head	1
TP0110	handle kit	1
BW0345	Handle only	1
BW0340	safety trigger	1
BX0020	Torch trigger switch	1
PT0201	safety contact kit S75- A141	1
CV0052	Circle cutting kit complete	1

Circle cutting kit allows cutting from 100mm to 1330mm diameter holes

OTHER PARTS

DESCRIPTION	QTY	PART No.
TORCH SIDE EURO ADAPTOR	1	FY0023
MACHINE SIDE EURO ADAPTOR	1	FY0022

Free advice on selecting the correct plasma torch to fit your machine, just phone our technical dept.

We can supply any torch with different end fittings to suit your machine.

We can also fit & test any of our Trafimet plasma torches to your machine

CALL NOW!
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Technical ARC, Outgang Lane Osbaldwick, York, UK Y019 5UP. F: +44 (0)1904 414973
E: sales@technicalarc.co.uk or service@technicalarc.co.uk

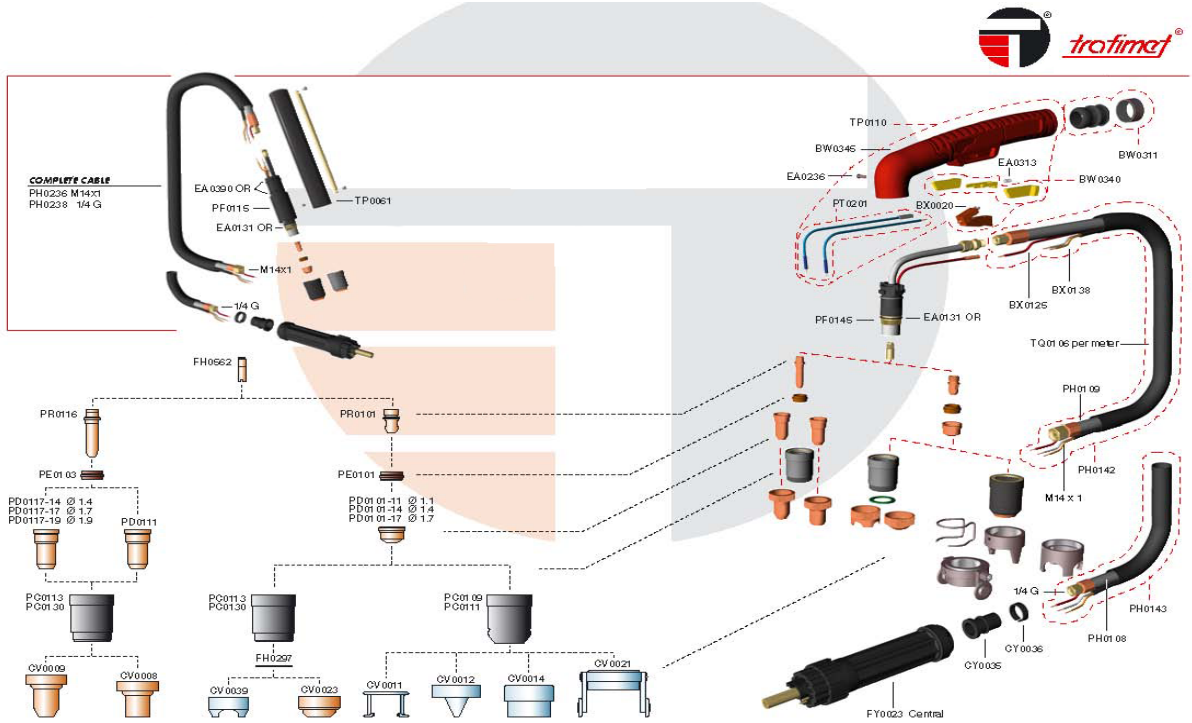
PLASMA CUTTING TORCHES

TRAFIMET A101 ERGO PLASMA TORCH

The Trafimet A101 torch is a workhorse of a torch & is fitted to 1000s of machines. This is a quality HF start torch & can be fitted to most HF machines up to 100 Amps. The low cost & easy availability of parts makes it an ideal choice.
This is fitted to our many of our TECARC plasma machines.

A101 PLASMA TORCH

TORCH	LENGTH	AMPERAGE	CONNECTION	PART No.
A101 COMPLETE TORCH	6MTR	100A @ 60%	¼ bsp	PA1454
A101 COMPLETE TORCH	6MTR	100A @ 60%	EURO ADAPTOR	PA1452
A101 COMPLETE TORCH	6MTR	100A @ 60%	M14x1	PA1450



CONSUMABLES AND SPARES

PART No	DESCRIPTION	PACK SIZE .
PD0101-14	cutting tip 1.4mm	10
PD0101-17	cutting tip 1.7mm	10
PD0101-19	cutting tip 1.9mm	10
PR0101	electrode	10
PR0116	long electrode	10
PE0101	swirl ring diffuser standard	1
PE0103	swirl ring diffuser for long electrode & tip	1
PD0117-14	long cutting tip 1.4mm	10
PD0117-17	long cutting tip 1.7mm	10
PC0109	standard outer nozzle A101 only	1
PC0113	contact cutting nozzle A101 only	1
FH0297	insulator for contact cutting nozzle	1
CV0023	contact cut attach standard consumables	1
CV0008	contact cut attach long consumables low amp	1
CV0009	contact cut attach long consumables hi amps	1
CV0011	stand off guide spring	1
CV0012	2 pin stand off guide	1
CV0014	4 pin stand off guide	1
CV0021	stand off carriage with wheels	1
CV0022	circle cutting kit	1
PF0145	A101 torch head	1
TP0110	handle kit	1
BW0345	Handle only	1
BW0340	safety trigger	1
BX0020	Torch trigger switch	1
PT0201	safety contact kit S75- A141	1

Circle cutting kit allows cutting from 100mm to 1330mm diameter holes

OTHER PARTS

DESCRIPTION	QTY	PART No.
TORCH SIDE EURO ADAPTOR	1	FY0023
ADAPTOR M14 X 1 – 3/8bsp	1	TA1438

PLASMA CUTTING TORCHES

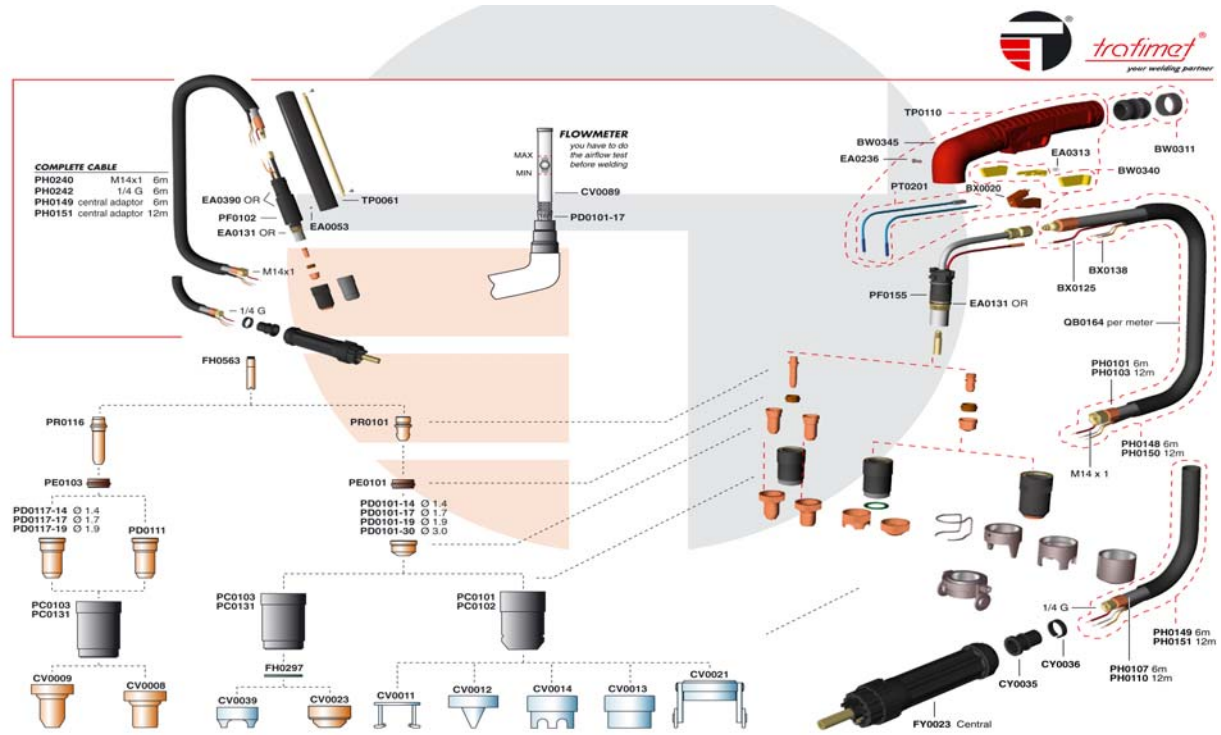
TRAFIMET A141 ERGO PLASMA TORCH

The Trafimet A141 torch is a real workhorse of a torch & is fitted to 1000s of machines. This is a quality HF start torch & can be fitted to most HF machines up to 140 Amps. The low cost & easy availability of parts makes it an ideal choice. This is fitted to our TECARC plasma machines over 100A.

A141 & P141 PLASMA TORCH

TORCH	LENGTH	AMPERAGE	CONNECTION	PART No.
A141 COMPLETE TORCH	6MTR	140A@60%	¼ bsp	PA1502
A141 COMPLETE TORCH	6MTR	140A@60%	EURO ADAPTOR	PA1504
A141 COMPLETE TORCH	6MTR	140A@60%	M14x1	PA1500
P141 MACHINE TORCH	6MTR	140A@60%	EURO ADAPTOR	PA0145

(Other fittings also available on P141)



CONSUMABLES AND SPARES

PART No	DESCRIPTION	PACK SIZE.
PD0101-14	cutting tip 1.4mm	10
PD0101-17	cutting tip 1.7mm	10
PD0101-19	cutting tip 1.9mm	10
PR0101	electrode	10
PR0116	long electrode	10
PE0101	swirl ring diffuser standard	1
PE0103	swirl ring diffuser for long electrode & tip	1
PD0117-14	long cutting tip 1.4mm	10
PD0117-17	long cutting tip 1.7mm	10
PC0101	standard outer nozzle A141	1
PC0103	Contact cutting nozzle A141	1
FH0297	insulator for contact cutting nozzle	1
CV0023	contact cutting attachment standard consumables	1
CV0008	contact cutting attach long consumables low current	1
CV0009	contact cutting attach long consumables hi current	1
CV0011	stand off guide spring	1
CV0012	2 pin stand off guide	1
CV0014	4 pin stand off guide	1
CV0021	stand off carriage with wheels	1
CV0022	circle cutting kit	1
PF0155	A141 torch head	1
TP0110	handle kit	1
BW0345	Handle only	1
BW0340	safety trigger	1
BX0020	Torch trigger switch	1
PT0201	safety contact kit S75- A141	1

Circle cutting kit allows cutting from 100mm to 1330mm diameter holes

P141 MACHINE TORCH SPARES

PF0102	P141 machine torch head	1

WIRE FEED SYSTEMS & SPARES

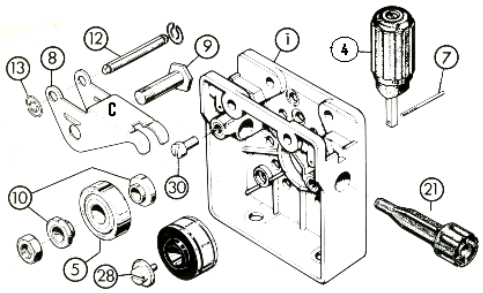
Standard Range – Superior Swiss made drive systems

(F2, F2G, F4, F4G Technical arc feeders) *Also Murex, Sterling, Portamig, Arctec, Camarc, Esab, Oerlikon, Saf, etc*

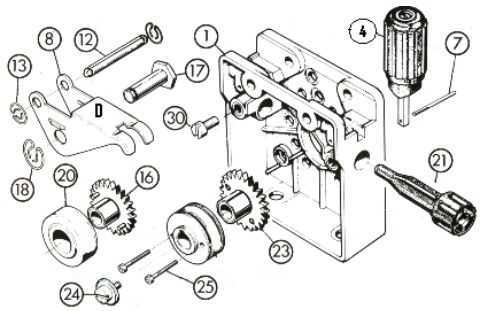
ITEM	PART		PART No
	2 ROLL WIRE FEED SYSTEM (c/w roller)	(FEEDPLATE 2)	FEEDSYS200
	2 ROLL GEARED WIRE FEED SYSTEM (c/w roller)	(FEEDPLATE2G)	FEEDSYS200G
	4 ROLL WIRE FEED SYSTEM (c/w rollers)	(FEEDPLATE4)	FEEDSYS400
	4 ROLL GEARED WIRE FEED SYSTEM (c/w rollers)	(GEARED TOP ROLLERS)	FEEDSYS400G
1.	2 ROLL PLATE ONLY NO PARTS		FEEDSYS01
2.	4 ROLL PLATE ONLY NO PARTS		FEEDSYS02

		PART No.
RC	PRESSURE ARM COMPLETE (NON GEARED)	FEEDSYSRC
0D	PRESSURE ARM COMPLETE (GEARED)	FEEDSYS0D
4.	PRESSURE DEVICE	FEEDSYS04
5.	BEARING PRESSURE ROLL (FOR NON GEARED FEED PLATES)	FEEDSYS05
7.	LOCATING PIN (PRESSURE DEVICE)	FEEDSYS07
8.	PRESSURE ARM ONLY	FEEDSYS08
9.	AXLE SHAFT - PRESSURE ROLL (NON GEARED)	FEEDSYS09
10.	SPACER	FEEDSYS10
11.	NUT	FEEDSYS11
12.	LOCATING PIN (PRESSURE ARM)	FEEDSYS12
13.	CIRCLIP	FEEDSYS13
14.	SPACER TUBE (PRESSURE ARM)	FEEDSYS14
15.	SPRING (PRESSURE ARM)	FEEDSYS15
16.	GEARED ADAPTER	FEEDSYS16
17.	AXLE SHAFT - PRESSURE ROLL (GEARED)	FEEDSYS17
	CIRCLIP (PRESSURE ROLL AXLE)	FEEDSYS18
20.	PLAIN PRESSURE ROLL (FOR GEARED PRESSURE ARMS)	FEEDSYS20
20.	KNURLED PRESSURE ROLL (FOR GEARED PRESSURE ARMS)	FEEDSYS20K
21.	INLET GUIDE	FEEDSYS21
22.	INTERMEDIATE GUIDE	FEEDSYS22
23.	GEARED ADAPTER (FEED ROLL)	FEEDSYS23
25.	LOCATING SCREW (FEED ROLL)	FEEDSYS25
26.	AXLE SHAFT (GEARED ADAPTER / FEED ROLL)	FEEDSYS26
27.	WASHER	FEEDSYS27
28.	RETAINING SCREW	FEEDSYS28
29.	MAIN DRIVE GEAR	FEEDSYS29
30.	SCREW	FEEDSYS30
32.	INSULATOR KIT	FEEDSYS32

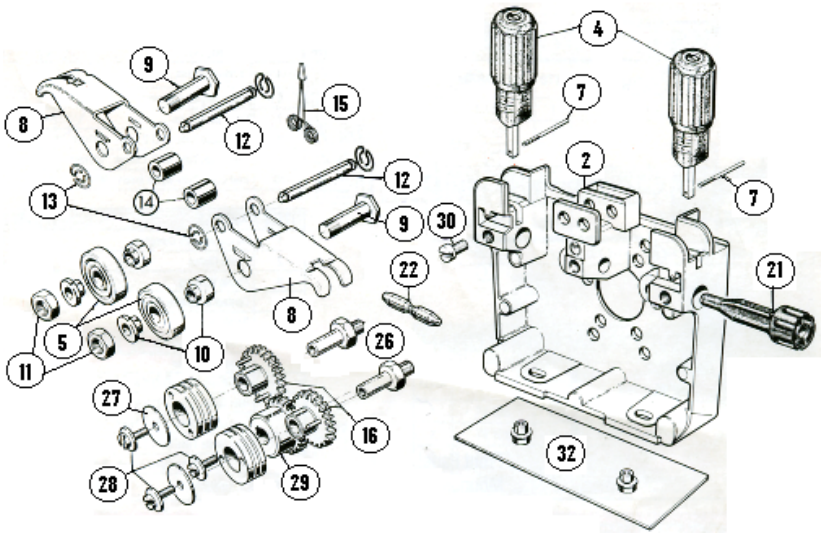
TWO ROLL NON GEARED FEED SYSTEM



TWO ROLL GEARED FEED SYSTEM



FOUR ROLL FEED SYSTEM



Next day delivery on all spares

WIRE FEED MOTORS TO FIT THESE FEED SYSTEMS ON PAGE 30

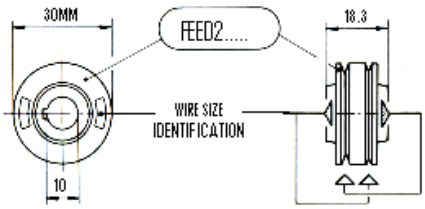
WIRE FEED ROLLERS – TO FIT THE ABOVE FEED SYSTEMS

To fit our F2-F4 range of feeders & Murex, Sterling, Portamig, Arctec, Camarc, Esab, Oerlikon, Saf, etc

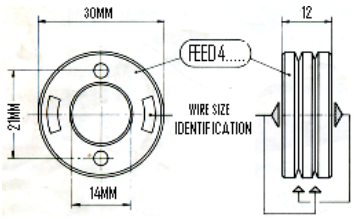
TYPE	GROOVE	SIZE	PART No
2 ROLL	V GROOVE	0.6MM - 0.8MM	FEED2V0608
2 ROLL	V GROOVE	0.8MM - 1.0MM	FEED2V0810
2 ROLL	V GROOVE	1.0MM - 1.2MM	FEED2V1012
2 ROLL	U GROOVE	1.0MM - 1.2MM	FEED2U1012
2 ROLL	U GROOVE	1.2MM - 1.6MM	FEED2U1216
2 ROLL	KNURLED	1.0/1.2MM - 1.4/1.6MM	FEED2K1016
4 ROLL / 2 ROLL GEARED	V GROOVE	0.6MM - 0.8MM	FEED4V0608
4 ROLL / 2 ROLL GEARED	V GROOVE	0.8MM - 1.0MM	FEED4V0810
4 ROLL / 2 ROLL GEARED	V GROOVE	1.0MM - 1.2MM	FEED4V1012
4 ROLL / 2 ROLL GEARED	V GROOVE	1.2MM - 1.6MM	FEED4V1216
4 ROLL / 2 ROLL GEARED	U GROOVE	1.0MM - 1.2MM	FEED4U1012
4 ROLL / 2 ROLL GEARED	U GROOVE	1.2MM - 1.6MM	FEED4U1216
4 ROLL / 2 ROLL GEARED	U GROOVE	2.4MM - 3.2MM	FEED4U2432
4 ROLL / 2 ROLL GEARED	KNURLED	1.0 / 1.2MM - 1.4 / 1.6MM	FEED4K1016
4 ROLL / 2 ROLL GEARED	KNURLED	1.4 / 1.6MM - 2.0 / 2.4MM	FEED4K1424
4 ROLL / 2 ROLL GEARED	KNURLED	2.8 / 3.2MM	FEED4K2832

U GROOVED ROLLERS ARE FOR DRIVING SOFT ALUMINUM WIRE. V GROOVED ROLLERS ARE FOR DRIVING HARD WIRE. .KNURLED ROLLERS ARE FOR DRIVING FLUX CORED WIRE.

2 ROLL NON GEARED



2 ROLL GEARED / 4 ROLL ROLLER



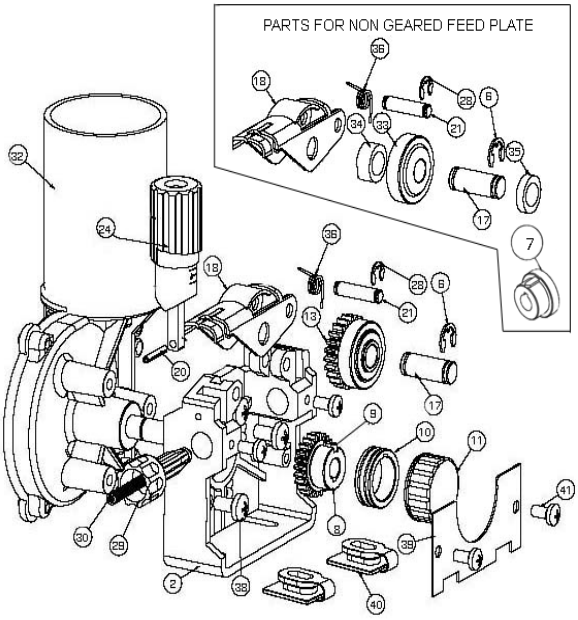
WIRE FEED SYSTEMS & SPARES

ECO range (F20, F20G, F40, F40G Technical arc feeders) *Also Thermal arc, Hobart Oerlikon etc*

2 ROLL WIREFEED SYSTEMS & SPARES

ITEM	DESCRIPTION -*COMPLETE FEED PLATES*		PART NO
A)	2 ROLL FEED SYSTEM	NON GEARED LIGHT DUTY INC ALL PARTS & ROLLERS (PLASTIC PLATE)	FECP2001
B)	2 ROLL FEED SYSTEM	GEARED LIGHT DUTY INC ALL PARTS & ROLLS (PLASTIC PLATE)	FECP2002
C)	2 ROLL FEED SYSTEM	NON GEARED MEDIUM DUTY INC ALL PARTS & ROLLS (CAST ALI PLATE)	FECP2003
D)	2 ROLL FEED SYSTEM	GEARED MEDIUM DUTY INC ALL PARTS & ROLLERS (CAST ALI PLATE)	FECP2004

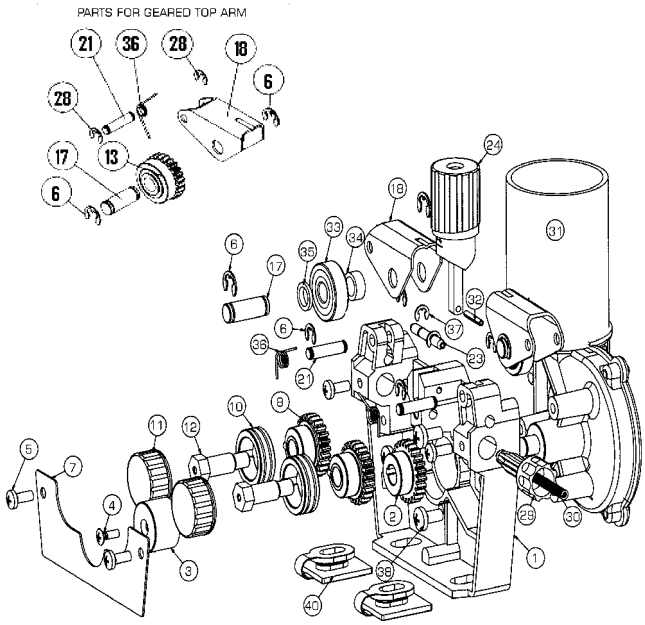
ITEM	DESCRIPTION -*SPARES*	PART NO
1)	2 ROLL PLATE ONLY - PLASTIC	FEC2001
2)	2 ROLL PLATE ONLY - METAL	FEC2002
5)	WOODRUFF KEY FOR MOTOR	FEC2005
6)	CIRCLIP FOR PRESS ROLL AXLE	FEC2006
7)	PLASTIC ADAPTOR FOR ROLLER TO SIT ON	FEC2007
8)	MAIN DRIVE GEAR FOR MOTOR SHAFT	FEC2008
9)	PARALLEL KEY FOR ITEM 8 + 53	FEC2009
10)	ROLLER SEE BELOW	
11)	FIXING CAP FOR ROLLERS	FEC2011
13)	PRESS ROLL AND GEAR	FEC2013
17)	PRESS ROLL AXLE	FEC2017
18)	PRESSURE ARM ONLY	FEC2018
18A)	PRESS ARM COMP 2 ROLL NON GEARED	FEC2018A
18)	PRESS ARM COMP 2 ROLL GEARED	FEC2018B
20)	SPRING TYPE STRAIGHT PIN	FEC2020
21)	AXLE (FOR PRESSURE ARM)	FEC2021
23)	PLASTIC MOULDED DISTANCE PIECE	FEC2023
24)	PRESSURE DEVICE COMPLETE	FEC2024
28)	CIRCLIP	FEC2028
29)	INLET GUIDE	FEC2029
30)	SPRING GUIDE	FEC2030
32)	WIRE FEED MOTOR - SEE PAGE 30	
33)	PRESS ROLL 2 ROLL NON GEARED	FEC2033
34)	SPACER 2 ROLL NON GEARED	FEC2034
35)	SPACER 2 ROLL NON GEARED	FEC2035
36)	SPRING FOR PRESS ARM	FEC2036
37)	SCREW	FEC2037
38)	SCREW	FEC2038
39)	GUARD	FEC2039
40)	KIT-2 OF EACH INSULATOR	FEC2040
41)	SCREW	FEC2041
53)	FEED ROLL ADAPTOR (NON GEARED)	FEC2053



4 ROLL WIREFEED SYSTEMS AND SPARES

ITEM	DESCRIPTION - COMPLETE FEED PLATES		PART NO
A)	4 ROLL STANDARD	(METAL PLATE) DRIVE SYSTEM C/W ALL ROLLERS AND GEARS ETC (NO MOTOR)	FECP4001
B)	4 ROLL GEARED	(METAL PLATE) DRIVE SYSTEM C/W ALL ROLLERS AND GEARS ETC (NO MOTOR)	FECP4002

ITEM	DESCRIPTION -SPARES	PART NO
1)	FEED PLATE WITHOUT GEARS/ROLLERS	FEC4001
2)	MAIN DRIVE GEAR FOR MOTOR SHAFT	FEC4002
3)	FIXING CAP FOR ABOVE	FEC4003
4)	SCREW FOR ABOVE M4X12	FEC4004
5)	SCREW	FEC4005
6)	CIRCLIP FOR PRESS ROLL AXLE (4 REQ)	FEC4006
7)	GUARD	FEC4007
8)	GEARED ADAPTOR FOR FEED ROLLS	FEC4008
9)	PARALLEL KEY FOR ITEM 8	FEC4009
10)	ROLLERS – SEE BELOW	
11)	FIXING CAP FOR ROLLERS (2 REQ)	FEC4011
12)	AXLE SHAFT FOR GEARED ADAPTORS	FEC4012
13)	PRESS ROLL + GEAR	FEC4013
17)	PRESS ROLL AXLE (2 REQ)	FEC4017
18)	PRESS ARM ONLY (2 REQ)	FEC4018
18A)	PRESS ARM COMP 4 ROLL STD (2 REQ)	FEC4018A
18B)	PRESS ARM COMP 4 ROLL GRD (2 REQ)	FEC4018B
20)	C CLIP PIN (FOR PRESSURE DEVICE)	FEC4020
21)	PRESS ARM FIXING SHAFT (2 REQ)	FEC4021
23)	INTERMEDIATE GUIDE (UPTO 1.6MM)	FEC4023
24)	PRESS DEVICE	FEC4024
28)	CIRCLIP FOR ITEM 21 (4 REQ)	FEC4028
29)	INLET GUIDE (1.6MM WIRE)	FEC4029
30)	SPRING	FEC4030
31)	WIRE FEED MOTOR – SEE PAGE 30	
32)	PIN FOR PRESSURE DEVICE	FEC4032
33)	PRESS ROLL 4 ROLL STD (2 REQ)	FEC4033
34)	SPACER	FEC4034
35)	SPACER	FEC4035
36)	SPRING FOR PRESS ARM (2 REQ)	FEC4036
37)	CLIP FOR ITEM 23 (2 REQ)	FEC4037
38)	SCREW	FEC4038
39)	SCREW	FEC4039
40)	KIT-2 OF EACH INSULATOR	FEC4040



30mm WIRE FEED ROLLERS FOR THE ECO FEED SYSTEM RANGE

TYPE	GROOVE	SIZE	PART No
2 ROLL + 4 ROLL	V GROOVE	0.6MM - 0.8MM	FECV0608
2 ROLL + 4 ROLL	V GROOVE	0.8MM - 1.0MM	FECV0810
2 ROLL + 4 ROLL	V GROOVE	1.0MM - 1.2MM	FECV1012
2 ROLL + 4 ROLL	V GROOVE	1.2MM - 1.6MM	FECV1216
2 ROLL + 4 ROLL	U GROOVE	1.0MM - 1.2MM	FECU1012
2 ROLL + 4 ROLL	U GROOVE	1.2MM - 1.6MM	FECU1216
2 ROLL + 4 ROLL	KNURLED	1.0MM - 1.6MM	FECK1016
2 ROLL + 4 ROLL	KNURLED	1.6MM - 2.4MM	FECK1624

WIRE FEED SYSTEMS & SPARES

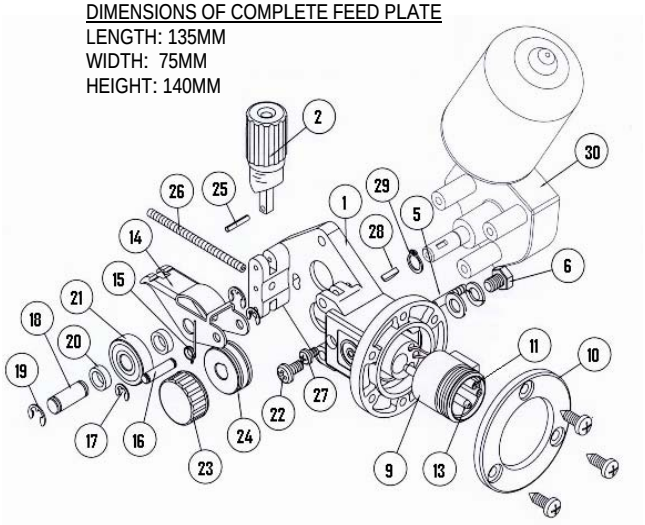
LIGHT DUTY LOW COST EASY FITTING WIRE FEED SYSTEMS – WITH EURO ADAPTOR
ECO RANGE (30mm rollers)

DESCRIPTION - COMPLETE FEED PLATE AND EURO ASSEMBLY	PART NO
2 ROLL DRIVE SYSTEM C/W ALL ROLLERS GEARS & EURO ETC	FES1200
2 ROLL DRIVE SYSTEM C/W ALL ROLLERS GEARS & EURO & 24V MOTOR	FES1201

(EVERYTHING MOUNTS VIA THE EURO ONTO A FRONT PANEL)

ITEM	DESCRIPTION -SPARES	PART NO
1)	FEEDPLATE ONLY NO PARTS	FES2001
2)	PRESSURE DEVICE COMPLETE	FES2002
6)	SCREW	FES2006
9)	BRASS EURO BLOCK	FES2009
10)	PLASTIC FLANGE	FES2010
11)	TRIGGER PINS	FES2011
13)	OUTLET GUIDE TUBE	FES2013
14)	PRESSURE ARM ONLY	FES2014
14B)	PRESSURE ARM COMPLETE	FES2014A
15)	SPRING	FES2015
16)	AXLE (PRESSURE ARM)	FES2016
17)	CIRCLIP (FOR ITEM 16)	FES2017
18)	AXLE (PRESSURE ROLL)	FES2018
19)	CIRCLIP (FOR ITEM 18)	FES2019
20)	SPACER	FES2020
21)	PRESSURE ROLL	FES2021
23)	RETAINING CAP	FES2023
24)	ROLLERS – SEE PAGE 25	
25)	SPRING TYPE PIN	FES2025
26)	INLET GUIDE	FES2026
27)	SCREW	FES2027
28)	WOODRUFF KEY FOR MOTOR	FES2028
29)	CIRCLIP FOR MOTOR	FES2029
30)	MOTOR SEE PAGE 30	

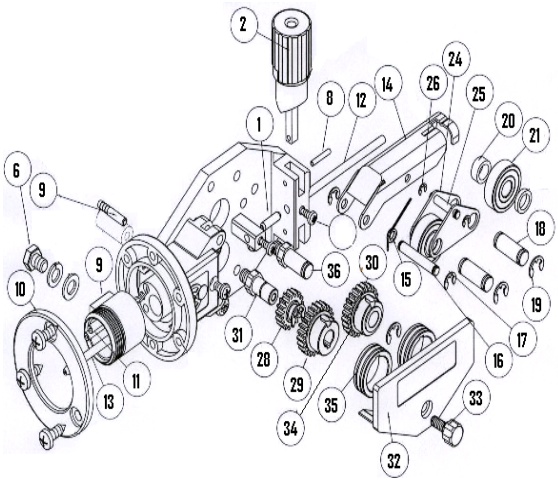
DIMENSIONS OF COMPLETE FEED PLATE
LENGTH: 135MM
WIDTH: 75MM
HEIGHT: 140MM



DESCRIPTION - COMPLETE FEED PLATE AND EURO ASSEMBLY	PART NO
4 ROLL DRIVE SYSTEM C/W ALL ROLLERS GEARS & EURO ETC	FES1400
4 ROLL DRIVE SYSTEM C/W ALL ROLLERS GEARS & EURO & 24V MOTOR	FES1401

(EVERYTHING MOUNTS VIA EURO ONTO A FRONT PANEL)

ITEM	DESCRIPTION -SPARES	PART NO
1)	FEEDPLATE ONLY NO PARTS	FES4001
2)	PRESSURE DEVICE COMPLETE	FES4002
6)	SCREW	FES4006
8)	SPRING TYPE PIN	FES4008
9)	BRASS EURO BLOCK	FES4009
10)	PLASTIC FLANGE	FES4010
11)	TRIGGER PINS	FES4011
12)	INLET GUIDE	FES4012
13)	OUTLET GUIDE TUBE	FES4013
14)	PRESSURE ARM ONLY	FES4014
14B)	PRESSURE ARM COMPLETE	FES4014A
15)	SPRING	FES4015
16)	AXLE (PRESSURE ARM)	FES4016
17)	CIRCLIP (FOR ITEM 16)	FES4017
18)	AXLE (PRESSURE ROLL)	FES4018
19)	CIRCLIP (FOR ITEM 18)	FES4019
20)	SPACER	FES4020
21)	PRESSURE ROLL	FES4021
24)	PRESSURE ROLL CARRIER	FES4024
25)	AXLE SHAFT (FOR ITEM 24)	FES4025
26)	CIRCLIP (FOR ITEM 25)	FES4026
27)	SCREW	FES4027
28)	MAIN DRIVE GEAR	FES4028
29)	IDLER GEAR	FES4029
30)	PARALLEL KEY (FOR ITEM 29)	FES4030
31)	AXLE FOR IDLER GEAR(MIDDLE)	FES4031
32)	GUARD	FES4032
33)	SCREW	FES4033
34)	MAIN DRIVE GEAR	FES4034
35)	ROLLERS SEE PAGE 25	
36)	AXLE	FES4035



Above picture shows torch connection on the left hand side, however our standard stock is with the torch connection on the right side, like the 2 roll version above, for left hand version please call our technical dept.

SIZE OF COMPLETE FEED PLATE
LENGTH: 180MM
WIDTH: 75MM
HEIGHT: 140MM

Next day delivery on all spares

Service Engineer training courses see page 46

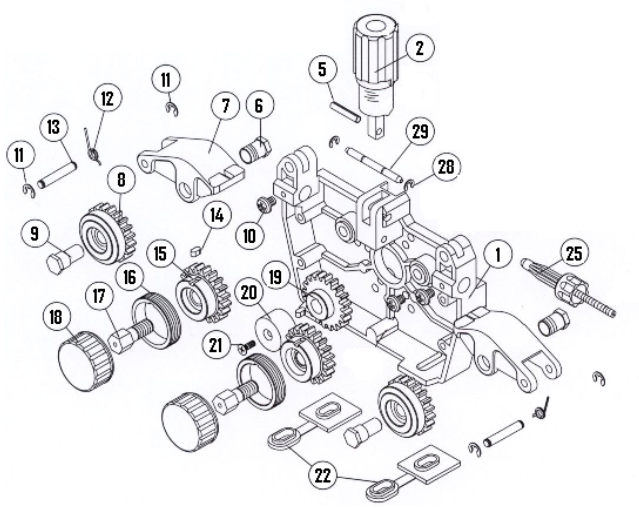
WIRE FEED SYSTEMS & SPARES

HEAVY DUTY 4 ROLL FEED SYSTEM ECO range (40mm rollers)

USED BY TECARC, NEWARC, LINCOLN, BESTER, HOBART, (40MM FEED ROLLERS)

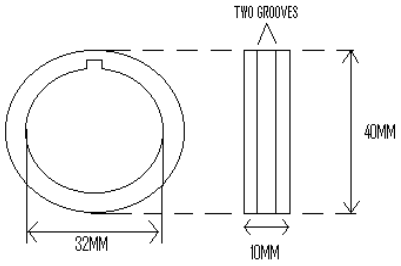
DESCRIPTION - COMPLETE FEED PLATES		PART NO
4 ROLL GEARED	(METAL PLATE) DRIVE SYSTEM C/W ALL ROLLERS AND GEARS ETC (NO MOTOR)	FEHP4001

ITEM	DESCRIPTION -SPARES	PART NO
1)	FEED PLATE WITHOUT GEARS/ROLLERS ETC.	FEH4001
2)	PRESS DEVICE COMPLETE	FEH4002
5)	SPRING TYPE PIN – (FOR PRESSURE DEVICE)	FEH4005
6)	NUT FOR PRESSURE ARM	FEH4006
7)	PRESSURE ARM ONLY	FEH4007
8)	PRESSURE ROLLER AND GEAR COMPLETE	FEH4008
9)	AXLE SHAFT – (FOR PRESSURE ROLLER)	FEH4009
10)	SCREW	FEH4010
11)	CIRCLIP – (FOR ITEM 13)	FEH4011
12)	SPRING – (FOR ITEM 13)	FEH4012
13)	FIXINGSHAFT – (FOR PRESSURE ARM)	FEH4013
14)	PARALLEL KEY – (FOR IDLER GEARS)	FEH4014
15)	IDLER GEAR – (FOR ROLLERS)	FEH4015
16)	40MM ROLLERS SEE BELOW	
17)	AXLE SHAFT (FOR IDLER GEARS)	FEH4017
18)	RETAINING CAP – (FOR ROLLERS)	FEH4018
19)	MAIN DRIVE GEAR	FEH4019
20)	RETAINING CAP – (FOR MAIN DRIVE GEAR)	FEH4020
21)	RETAINING SCREW – (FOR ITEM 20)	FEH4021
22)	INSULATOR KIT OF 2	FEH4022
25)	INLET GUIDE	FEH4025
28)	CIRCLIP – (FOR ITEM 29)	FEH4028
29)	INTERMEDIATE GUIDE	FEH4029



40mm WIRE FEED ROLLERS FOR THE HEAVY DUTY FEED SYSTEM RANGE

GROOVE	SIZE	PART No
V GROOVE	0.6MM - 0.8MM	FEHV0608
V GROOVE	0.8MM - 1.0MM	FEHV0810
V GROOVE	1.0MM - 1.2MM	FEHV1012
V GROOVE	1.2MM - 1.6MM	FEHV1216
U GROOVE	1.0MM - 1.2MM	FEHU1012
U GROOVE	1.2MM - 1.6MM	FEHU1216
KNURLED	1.0MM - 1.6MM	FEHK1016
KNURLED	1.6MM - 2.4MM	FEHK1624



WIREFEED ROLLERS, GEARS & BEARINGS MISC.

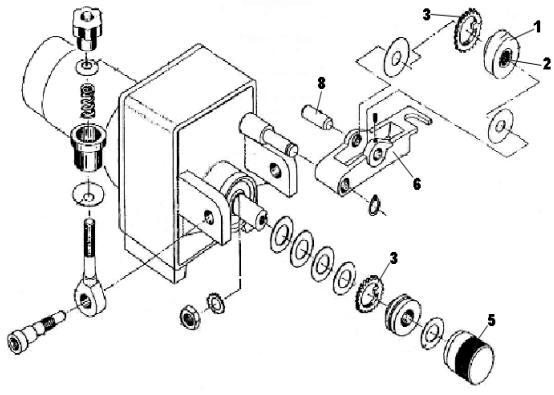
BUTTERS MK1A - Set of top and bottom rollers, complete with nylon gears, top bearings and shaft. (rollers fixed onto gears with two screws).

GROOVE	SIZE	PART No.
V GROOVE FOR HARD WIRE	0.6MM	FMK1V06
V GROOVE FOR HARD WIRE	1.0MM	FMK1V10
V GROOVE FOR HARD WIRE	1.2MM	FMK1V12
V GROOVE FOR HARD WIRE	0.8MM	FMK1V08
U GROOVE FOR SOFT WIRE	1.0MM	FMK1U10
U GROOVE FOR SOFT WIRE	1.2MM	FMK1U12
KNURLED FOR TUBULAR WIRE	1.0 / 1.2MM	FMK1K10
KNURLED FOR TUBULAR WIRE	1.6 / 2.4MM	FMK1K16

BUTTERS PROFEED, FDB, (AMER TYPE) - Two and four roll systems.

BUTTERS MK1A EURO AND NYLON GUIDE AVAILABLE ON PAGE 31

TYPE / GROOVE	SIZE	CROSS REF	PART No.
ROLLER - V GROOVE FOR HARD WIRE	0.6MM	FE5306A	FPRV06
ROLLER - V GROOVE FOR HARD WIRE	0.8MM	FE5302A	FPRV08
ROLLER - V GROOVE FOR HARD WIRE	1.0MM	FE5303A	FPRV10
ROLLER - V GROOVE FOR HARD WIRE	1.2MM	FE5304A	FPRV12
ROLLER - V GROOVE FOR HARD WIRE	1.6MM	FE5305A	FPRV16
ROLLER - U GROOVE FOR SOFT WIRE	1.0MM	FE5325A	FPRU10
ROLLER - U GROOVE FOR SOFT WIRE	1.2MM	FE5326A	FPRU12
ROLLER - U GROOVE FOR SOFT WIRE	1.6MM	FE5327A	FPRU16
ROLLER - KNURLED FOR TUBULAR WIRE	1.0MM	FE5305A	FPRK10
ROLLER - KNURLED FOR TUBULAR WIRE	1.2MM	FE5309A	FPRK12
ROLLER - KNURLED FOR TUBULAR WIRE	1.6MM	FE5307A	FPRK16
ROLLER - KNURLED FOR TUBULAR WIRE	2.4MM	FE5308A	FPRK24
1. TOP PRESSURE ROLLER PLAIN (NO GROOVE)		FE5322A	FPR001
2. FEED ROLLER BEARING		FE5311A	FPR002
3. FEED ROLLER GEAR		FE5312A	FPR003
4. MAIN DRIVE GEAR (4 ROLL SYSTEM)			FPR004
5. RETAINING CAP		FE3406A	FPR005
6. PRESSURE ARM ONLY (2 ROLL SYSTEM)			FPR006
PRESSURE ARM COMPLETE (2 ROLL SYSTEM)		FE5120A	FPR007
8. PRESSURE ROLLER SHAFT			FPR008



WIREFEED ROLLERS, GEARS & BEARINGS MISC.

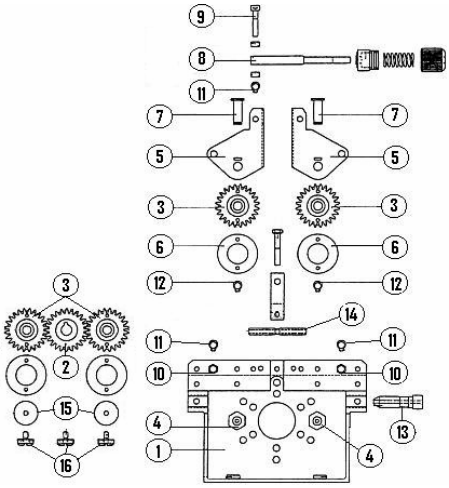
CAMARC 2S / 2FC-2 ETC - Pair of top and bottom rollers complete with nylon gears. Rollers fixed onto gears with screws.

Type	size	Part no
V GROOVE FOR HARD WIRE	0.6MM	FCV06
V GROOVE FOR HARD WIRE	0.8MM	FCV08
V GROOVE FOR HARD WIRE	1.0MM	FCV10
V GROOVE FOR HARD WIRE	1.2MM	FCV12
V GROOVE FOR HARD WIRE	1.6MM	FCV16
U GROOVE FOR SOFT WIRE	1.0MM	FCU10
U GROOVE FOR SOFT WIRE	1.2MM	FCU12
U GROOVE FOR SOFT WIRE	1.6MM	FCU16
KNURLED FOR TUBULAR WIRE	1.0MM	FCK10
KNURLED FOR TUBULAR WIRE	1.2MM	FCK12
KNURLED FOR TUBULAR WIRE	1.6MM	FCK16

OERLIKON 2WD / 4WD/ SYNCRO TIG 4/ SAF / RIVEL RX4 EWM, COMMERCY, FR4, LINCOLN

		PART No.
1)	4 ROLL PLATE NON ASSEMBLED	FWD001
2)	MAIN DRIVE GEAR (4 ROLL PLATE)	FWD002
3)	GEARED ADAPTER	FWD003
4)	AXLE SHAFT (GEARED ADAPTER / FEED ROLL)	FWD004
5)	PRESSURE ARM ONLY	FWD005
6)	PRESSURE ROLLER (PLAIN)	FWD006
6a)	PRESSURE ROLLER (BEARING TYPE, NON GEAR	FWD006A
7)	AXLE SHAFT - PRESSURE ROLL	FWD007
8)	PRESSURE DEVICE COMPLETE	FWD008
9)	LOCATING PIN (PRESSURE DEVICE)	FWD009
10)	LOCATING PIN (PRESSURE ARM)	FWD010
11)	CIRCLIP	FWD011
12)	CIRCLIP (PRESSURE ROLL AXLE)	FWD012
13)	INLET GUIDE	FWD013
14)	INTERMEDIATE GUIDE	FWD014
15)	WASHER	FWD015
16)	RETAINING SCREW	FWD016
	MAIN DRIVE GEAR (2 ROLL PLATE)	FWD017
	PRESSURE ARM (2 ROLL PLATE)	FWD018

Supply problems with some items please phone for availability



ROLLERS	SIZE	PART No.
V GROOVE FOR HARD WIRE	0.6MM / 0.8MM	FWD0608V
V GROOVE FOR HARD WIRE	0.8MM / 1MM	FWD0810V
V GROOVE FOR HARD WIRE	1.0MM / 1.2MM	FWD1012V
V GROOVE FOR HARD WIRE	1.2MM / 1.6MM	FWD1216V
U GROOVE FOR SOFT WIRE	1.0MM / 1.2MM	FWD1012U
U GROOVE FOR SOFT WIRE	1.2MM / 1.6MM	FWD1216U
KNURLED FOR TUBULAR WIRE	1.2MM / 1.6MM	FWD1216K
KNURLED FOR TUBULAR WIRE	1.6MM / 2.4MM	FWD1624K

FWD roller sizes 37mm OD, 12mm wide, 19mm ID & 2 locating holes 27mm centres

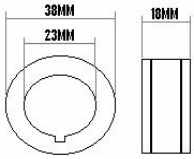
OERLIKON F32 / F34 / F34HD / M308C / FE44 / WEST

F32 / M308C / F401 M303C ROLLERS & PARTS		PART No.
V GROOVE ROLLER	0.6MM / 0.8MM	F320608V
V GROOVE ROLLER	1.0MM / 1.2MM	F321012V
U GROOVE ROLLER	0.8MM / 1.0MM	F320810U
U GROOVE ROLLER	1.2MM / 1.6MM	F321216U
M303C / F303 MOTOR AND GEARBOX COMPLETE		F303C01
F32, M308C, SOLOMIG M300C MOTOR AND GEARBOX COMPLETE		F320001
F32 TOP ARM ONLY		F320002
F32 MAIN DRIVE GEAR + ROLLER + PRESSURE ROLLER + GEAR		F320003

(COMPLETE KIT, PLEASE STATE SIZE OF ROLLER)

F32 rollers sizes 30mm OD, 10mm i.d. with keyway

OERLIKON F34 / F34HD / FE44 / HOBART H1000 ETC. ROLLERS & PARTS		
F34 4 ROLL DRIVE V GROOVE ROLLER	0.8MM / 1.0MM	F340810V
F34 4 ROLL DRIVE V GROOVE ROLLER	1.2MM / 1.6MM	F341216V
F34 4 ROLL DRIVE U GROOVE ROLLER	0.8MM / 1.0MM	F340810U
F34 4 ROLL DRIVE U GROOVE ROLLER	1.2MM / 1.6MM	F341216U
F34 4 ROLL DRIVE KNURLED ROLLER	1.2MM / 1.6MM	F341216K
F34 4 ROLL IDLE GEARS FOR ROLLERS		F343801
F34 PRESSURE ROLLER		F343802
F34 MAIN DRIVE GEAR		F343803



F34 rollers sizes 38mm OD, 18mm W, 23mm ID

MISC ROLLER 30mm dia X 12mm

TYPE		PART No.
V GROOVE	0.6MM / 0.8MM	F30120608V
V GROOVE	0.8MM / 1MM	F30120810V
V GROOVE	1.0MM / 1.2MM	F30121012V
V GROOVE	1.2MM / 1.6MM	F30121216V

Rollers sizes 30mm OD, 12mm W, 10mm ID with keyway & two grooves

Typical M303 / F303 motor & gearbox complete

SP3 SPOOL ON GUN SPARES

SIZE	WIRE TYPE	PART No.
0.8MM TOP AND BOTTOM ROLLER	ALI / STEEL	SP308
1.0MM TOP AND BOTTOM ROLLER	ALI / STEEL	SP310
1.2MM TOP AND BOTTOM ROLLER	ALI / STEEL	SP312
0.8MM CONTACT TIP (PK 5)	(137mm X 6.2mm)	SP308T
1.0MM CONTACT TIP (PK 5)	(137mm X 6.2mm)	SP310T
1.2MM CONTACT TIP (PK5)	(137mm X 6.2mm)	SP312T
OUTER NOZZLE		SP300N
SP3 GAS CONNECTION		SP3GAS

Other parts also available for the SP3 spool gun

CALL NOW! +44 (0)1904 410041
Technical ARC, Outgang Lane Osbaldwick, York, UK Y019 5UP. F: +44 (0)1904 414973
E: sales@technicalarc.co.uk or service@technicalarc.co.uk

WIREFEED ROLLERS, GEARS AND BEARINGS MISC.

FRONIUS STYLE ROLLERS & GEARS – Under development available spring 2010

New low prices coming on Fronius style rollers

KEMPPI / NEXUS / BOC STYLE ROLLERS / GEARS – 32MM diameter

NEXUS / BOC / KEMPPI K200 / K400 / K550 / PRO / FASTMIG / KEMPOWELD / KEMPOMIG 32MM ROLLER COMPLETE WITH NYLON GEAR

TYPE		SIZE	PART No.
V GROOVE FOR HARD WIRE	(WHITE)	0.8MM / 1.0MM	K4000810V
V GROOVE FOR HARD WIRE	(RED)	1.0MM-1.2MM	K4001012V
V GROOVE FOR HARD WIRE	(YELLOW)	1.2MM-1.6MM	K4001216V
U GROOVE FOR SOFT WIRE		1.0MM / 1.2MM	K4001012U
U GROOVE FOR SOFT WIRE		1.2MM / 1.6MM	K4001216U
KNURLED FOR FLUX CORE WIRE		1.0MM - 1.6MM knurled	K4001016K
K400 MAIN DRIVE GEAR (28MM, 0 – 18M/MIN)			K40028
K400 MAIN DRIVE GEAR (40MM, 0 – 25M/MIN)			K40040
PLASTIC INLET GUIDE			K4001
INTERMEDIATE GUIDE			K4002
OUTLET GUIDE TUBE			K4003
BRASS EURO BLOCK AND STEM			EUR0016

MIGATRONIC MWF STYLE ROLLERS / GEARS – Under development available spring 2010

Plastic gear & steel roller assy similar to above Kemppi type

MILLER STYLE ROLLERS- 42.5MM diameter

TYPE	SIZE	PART No.
V GROOVE FOR HARD WIRE	0.8MM / 1.0MM	MIL0810V
V GROOVE FOR HARD WIRE	1.0MM / 1.2MM	MIL1012V
V GROOVE FOR HARD WIRE	1.2MM / 1.6MM	MIL1216V
U GROOVE FOR SOFT WIRE	1.0MM / 1.2MM	MIL1012U
U GROOVE FOR SOFT WIRE	1.2MM / 1.6MM	MIL1216U
KNURLED FOR TUBULAR WIRE	1.0MM - 1.6MM	MIL1016K

BOC 2S / 2SL ROLLERS (old 1980s wire feeder 29mm OD with plastic centre)

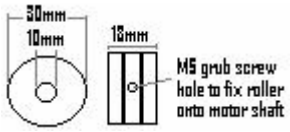
TYPE / GROOVE		SIZE	PART No.
ROLLER	- V GROOVE FOR HARD WIRE	0.6MM	BOCV06
ROLLER	- V GROOVE FOR HARD WIRE	0.8MM	BOCV08
ROLLER	- V GROOVE FOR HARD WIRE	1.0MM	BOCV10
ROLLER	- V GROOVE FOR HARD WIRE	1.2MM	BOCV12
ROLLER	- V GROOVE FOR HARD WIRE	1.6MM	BOCV16

TECARC SGS SPOOL GUN / PPS PUSH-PULL GUN ROLLERS & TRAFIMET SPOOL GUN

SIZE	WIRE TYPE	PART No.
0.8MM TOP AND BOTTOM ROLLER	ALI / STEEL	SGS1009
1.0MM TOP AND BOTTOM ROLLER	ALI / STEEL	SGS1010
1.2MM TOP AND BOTTOM ROLLER	ALI / STEEL	SGS1011

MILLER / SOLOMIG TYPE ETC ROLLERS (30mm with GRUB SCREW FIXING)

SIZE	BORE	PART No.
0.6MM / 0.8MM	9MM BORE	FMS0608-09
0.6MM / 0.8MM	10MM BORE	FMS0608-10



TECARC F21G & F41G FEED SYSTEMS - fitted to TECARC compact & SWF MIGS

DESCRIPTION		PART No.
A)	Main drive gear for motor shaft	FECX1001
B)	Pressure roller & gear complete	FECX1002
C)	Idle gears for rollers F41G only	FECX1003
D)	Axles for idle gears F41G only	FECX1004
E)	Plastic roller retaining cap	FECX1005
F)	Plastic inlet guide with liner	FECX1006
G)	Main drive gear retaining screw F41G	FECX1007
H)	Intermediate guide F41G only	FECX1008
J)	Pressure device F41G only	FECX1009
K)	Pressure device F21G only	FECX1010
L)	Shim washer	FECX1011
M)	Pressure arm only F21G	FECX1012
N)	Pressure arm only F41G	FECX1013
ROLLER V GROOVE 0.6MM - 0.8MM		FECV0608
ROLLER V GROOVE 0.8MM - 1.0MM		FECV0810
ROLLER V GROOVE 1.0MM - 1.2MM		FECV1012
ROLLER V GROOVE 1.2MM - 1.6MM		FECV1216
ROLLER U GROOVE 1.0MM - 1.2MM		FECU1012
ROLLER U GROOVE 1.2MM - 1.6MM		FECU1216
ROLLER KNURLED 1.0MM - 1.6MM		FECK1016
ROLLER KNURLED 1.6MM - 2.4MM		FECK1624

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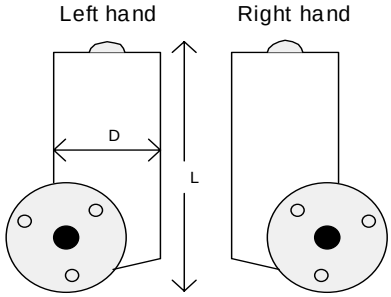
WIRE FEED MOTORS & GEARBOXES

Wire feed motor gearbox replacements to fit most wire feed systems, all have standard 10mm OD shaft with keyway & 4mm thread, & are mounted with three M6 screws.

STANDARD WIRE FEED MOTOR REPLACEMENTS

VOLTS	POWER	GEARBOX POSITION	SIZE	SUGGESTED USE	PART No
24V	25W	RIGHT HAND	L= 170mm, D= 58mm	KSV 4030-213 LIGHT DUTY	WFMKSV4030213
24V	70W	RIGHT HAND	L= 170mm, D= 58mm	KSV 4030–182	WFMKSV4030182
24V	45W	RIGHT HAND	L = 170mm, D = 70mm	SMALL COMPACTS	WFM9900019
24V	70W	LEFT HAND	L = 200mm, D = 80mm	HEAVY DUTY W.F.U. / COMPACTS	WFM9901030
24V	70W	RIGHT HAND	L = 200mm, D = 80mm	HEAVY DUTY W.F.U. / COMPACTS	WFM9901200
42V	90W	LEFT HAND	L = 200mm, D = 80mm	HEAVY DUTY W.F.U. / COMPACTS	WFM9901089
42V	90W	RIGHT HAND	L = 200mm, D = 80mm	HEAVY DUTY W.F.U. / COMPACTS	WFM9901082

When choosing a replacement wirefeed motor it is important to get the gearbox position correct. To do this, hold the wire feed motor so the armature is pointing upwards and the gearbox is at the bottom. The shaft coming out of the gearbox should be pointing towards you. Now decide whether the gearbox is on the left hand side of the motor armature or on the right hand side of the armature. The diagram right, shows the two positions the gearbox can be located on the wire feed motor. The above motors are compatible with the feed systems shown in this catalogue and many others.



WOODRUFF KEY FOR WIRE FEED MOTORS — PART No: FEC2005

SPECIAL WIRE FEED MOTOR REPLACEMENTS

TYPE	PART No.
MIGATRONIC KDO / DYNAMIG REPLACEMENT MOTOR GEARBOX	WFMKDO
KEMPPI REPLACEMENT MOTOR GEARBOX (FU10, FU20, ETC)	WFMKEMP
OERLIKON F32 / F34 / M308C, WEST, KAMANCHI, WIRE FEED MOTOR (42V) (D:78mm)	WFM3234
OERLIKON M303C WIRE FEED MOTOR (42V, 40W) (D:62mm)	WFM303C
AIRLIQUIDE DV4004 WIRE FEED MOTOR (24V)	WFMDV4004
24VDC MOTOR WITH TACO KSV (SUITS SAF OPTIPULSE, ETC)	WFMKSV24
MIGATRONIC MXE MOTOR / GEARBOX	WFMMXE

(REQUIRES HOLES DRILLING, TEMPLATE PROVIDED)

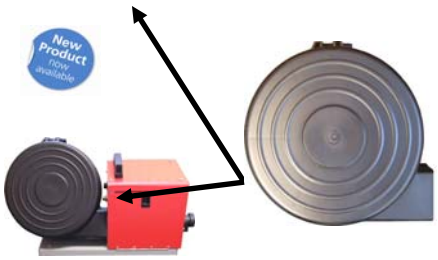
WIRE FEED SYSTEM OTHER SPARES

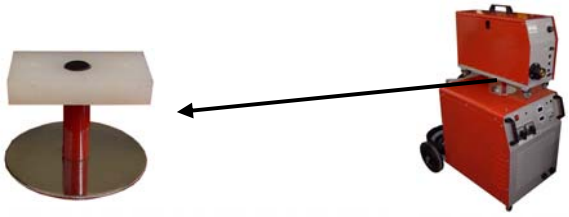
ITEM	DESCRIPTION	PART No
SPOOLHOLDER 15KG	ROBUST PLASTIC SPOOLHOLDER. (15KG SPOOL)	SPH0001
SPOOLHOLDER 5KG	ROBUST PLASTIC SPOOLHOLDER. (5KG SPOOL)	SPH0002
SPOOLHOLDER NUT	RED PLASTIC NUT ONLY TO SUIT ABOVE SPOOL HOLDERS	SPH0003
SPOOLHOLDER 15-20KG	ROBUST SPOOLHOLDER. (20KG SPOOL) (1 BOLT FIXING)	SPH0005
GAS BOTTLE BRACKET In 3mm painted steel	BOLTS TO THE BACK OF A POWERSOURCE OR WALL for securing standard welding gas bottles using chain below	BOTB001
BOTTLE CHAIN	3mm thick welded chain for securing gas bottles	BOTC001
WIRE STRIAGHTNER	HEAVY DUTY STRAIGHTNER WITH ADJUSTABLE TENSION For all wires up to 4mm diameter	EUR0015
SPOOL COVER	ROBUST 15KG PLASTIC SPOOL COVER	SPC0001

Designed to fit onto open type wire feeders with the wire at the left hand side as shown, the hinge is at the top & the cover opens upwards.
Size approx 350mm dia x 160mm.

WIRE FEED UNIT SWIVEL KIT — UNIVERSAL SWIVEL KIT

Male pin for power source & female part for wire feeder.
Also gives electrical insulation between feeder & power source





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WIRE FEED SYSTEM EURO SPARES

UNIVERSAL EURO ADAPTORS & FITTINGS

ITEM	DESCRIPTION	PART No
MACHINE EURO KIT BLOCK, STEM, GUIDE AND ROUND FLANGE	STANDARD UNIVERSAL MIG TORCH CONNECTION COMPLETE WITH ALL PARTS. ETC. LENGTH OF BRASS STEM: 90MM. (THREADED FOR 55MM)	EUR0001
ROUND EURO PLASTIC FLANGE	STANDARD BINZEL STYLE 3 FIXING HOLES	EUR0003
SQUARE EURO PLASTIC FLANGE	MUREX STYLE 2 FIXING HOLES	EUR0004
BRASS EURO BLOCK STANDARD	MACHINE SIDE (STANDARD FINE THREAD M12x1 VERSION)	EUR0005
BRASS STEM TO FIT STANDARD EURO BLOCK	STANDARD BRASS STEM M12x1, WITH NUTS & WASHERS INC (55mm M10x1 + 35mm hex length = 90mm overall length from euro)	EUR0010
BRASS STEM EXTRA LONG FOR STANDARD EURO BLOCK	LONG BRASS STEM M12x1, WITH NUTS & WASHERS INC (110mm M10x1 + 35mm hex length = 145mm overall length from euro)	EUR00101
BRASS OUTLET GUIDE TUBE	120MM LONG, 4MM WIDE, FITS MOST FEED SYSTEMS. (FOR UPTO 1.6MM WIRE)	EUR0006
BRASS OUTLET EXTRA LONG GUIDE TUBE	300MM LONG, 4MM WIDE, FITS MOST FEED SYSTEMS. (FOR UPTO 1.6MM WIRE)	EUR0017

Next day delivery on all spares

SPECIAL EURO ADAPTORS & FITTINGS

ITEM	DESCRIPTION	PART No
BRASS EURO BLOCK COARSE	BRASS EURO BLOCK INSIDE MACHINE (COARSE THREAD VERSION) USED ON MUREX MACHINES	EUR0008
BRASS STEM TO FIT ABOVE EURO BLOCK	BRASS STEM WITH COARSE THREAD DIFFERENT LENGTHS AVAILABLE PLEASE SPECIFY	EUR0011
ESAB EURO Complete kit of parts	CONNECTION SUITABLE FOR ESAB MODELS EURO BLOCK, STEM, PLASTIC FLANGE AND GUIDE TUBE TO SUIT ESAB MACHINES.	EUR0009
BUTTERS MK1A EURO TORCH CONNECTOR COMPLETE	EURO CONNECTOR COMPLETE KIT INC. EURO BLOCK, STEM, GUIDE TUBE, INSULATOR , ETC.	EUR0012 *NEW*
BUTTERS MK1A NYLON INLET GUIGE	NYLON INLET GUIDE FOR EURO STEM	EUR0013 *NEW*
BUTTERS MK1A BRASS STEM	BRASS EURO STEM	EUR0014 *NEW*
KEMPPI MACHINE EURO BRASS CONNECTOR	CONNECTION SUITABLE KEMPPI K200, K400, FASTMIG, ETC	EUR0016
CURRENT SWITCH	N.O reed switch contact which closes above 125Amps	CSW001

Other Euro blocks and stems available

Massive range of our British made TECARC & OXFORD machines also available!
If you are interested in becoming a TECARC or OXFORD distributor please contact us.

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FANS AND FAN MOTORS

Industrial standard panel fans - used by all manufacturers.

VOLTAGE	TYPE	SIZE	PART No
230 VAC	square	120MM X 120MM x 38MM	FAN230120
110 VAC	square	120MM X 120MM x 38MM	FAN110120
230 VAC	Oval	150MM X 172MM X 51MM	FAN230150
12 VDC	square	92MM X 92MM X 25MM	FAN129225
12 VDC	square	120MM X 120MM X 38MM	FAN1212038
12 VDC	square	120MM X 120MM X 25MM	FAN1212025
24VDC	square	92MM X 92MM X 25MM	FAN249225
24VDC	square	92MM X 92MM X 38MM	FAN249238
24 VDC	square	120MM X 120MM X 25MM	FAN2412025
24 VDC	square	120MM X 120MM X 38MM	FAN2412038
24VDC	round	172MM X 51MM	FAN24172R
24VDC	oval	150MM X 172MM X 51MM	FAN24172
FAN GUARD FOR 120mm square fans			FAN120GD

Square type

Round type

Oval type

Other fans are also available

Industrial standard fan motors

This style of fan motor is used by all major manufacturers. A fan blade is secured by one screw with 4 locating pips on a plastic flange. These fan motors can be mounted either on the back panel via three screws or onto a bracket with two screws underneath the motor.
The 35W version uses a capacitor to improve efficiency which is supplied.
Sizes exclude fixings & capacitor, L size is total length from fan blade fixing to back of motor.
Blades to suit are listed below; a smaller blade than stated below can be fitted to any of the motors, but not a larger blade.

SIZE	WATTAGE	VOLTAGE	PART No
84mm x 84mm x 86mmL	10W	230V	FAN7210
84mm x 84mm x 106mmL	20W	230V	FAN9220
84mm x 84mm x 112mmL	35W	230V	FAN11235

10W

20W

35W

Fan blades for above fan motors

TYPE	SIZE	PART No
BLOWS AWAY FROM MOTOR	6" (150mm) *DESIGNED TO FIT THE 10W FAN MOTOR.*	FAN0601
BLOWS AWAY FROM MOTOR	10" (250mm) *DESIGNED TO FIT THE 10W OR 20W FAN MOTOR.*	FAN1001
BLOWS AWAY FROM MOTOR	12" (300mm) *DESIGNED TO FIT THE 20W FAN MOTOR.*	FAN1202
BLOWS AWAY FROM MOTOR	14'' (350mm) *DESIGNED TO FIT THE 35W FAN MOTOR.*	FAN3501
BLOWS AIR OVER MOTOR	10" (250mm)	FAN1002

Industrial axial fans (motor & blade assy complete)

Next day delivery on all spares

These are used by many manufacturers including Kemppi, Murex, Esab, Sterling, Butters, etc.
Sizes are max diameter x overall depth. All are supplied with a capacitor & wiring diagram.
Mounting is with 4 screws at rear on 41mm x 41mm square fixing centres.

Size	Details	PART No.
200mm dia x 60MM	230Vac (HIGH SPEED).	FAN200230
250mm dia x 70mm	230VacMAX FLOW 950CFM (HIGH SPEED)	FAN250230
300mm dia x 95mm	230Vac MAX FLOW 1500CFM (HIGH SPEED)	FAN300230
350mm dia x 95mm	230Vac MAX FLOW: 1800CFM (HIGH SPEED)	FAN350230
400mm dia x 96mm	230Vac MAX FLOW: 2100CFM (lower speed)	FAN400230

Industrial backward curved fans ESAB STYLE (motor & blade assy complete)

Sizes are max diameter x overall height. These are supplied with a capacitor & wiring diagram.
Mounting is with 4 screws at the bottom on 41mm x 41mm square fixing centres.

Details	Size		PART No.
FAN FOR ESAB / MUREX	230Vac	230MM X 80MM	FANES230

POWERSOURCES *(LAG315 ETC)* *PLEASE CHECK SIZE BEFORE ORDERING*
OTHER SIZES OF THIS FAN ARE ALSO STOCKED FOR LARGER ESABS ETC

VOLTAGE SWITCHES

MIG VOLTAGE SWITCHES - SINGLE PHASE (1 POLE)

DESCRIPTION	SUGGESTED REPLACEMENT	SIZE	PART No:
2 POSITION 16/20 AMPS MAX (S16-61037)	VARIOUS MACHINES UP TO 230 AMPS	L: 33mm W: 42mm	SW1220A
2 POSITION 32/40 AMPS MAX. (S32-61037)	VARIOUS LARGE SINGLE PHASE MACHINES	L: 40mm W: 46mm	SW1240A
4 POSITION 32/40 AMPS MAX. (S32-61050)	VARIOUS LARGE SINGLE PHASE MACHINES	L: 53mm W: 46mm	SW1440A
6 POSITION 20 AMPS SPECIAL SW.	CEBORA,	L: mm W: mm	SW1620ASP
6 POSITION 16/20 AMPS MAX (S16-61052)	VARIOUS MACHINES UP TO 230 AMPS	L: 55mm W: 42mm	SW1620A
6 POSITION 32/40 AMPS MAX (S32-61052)	VARIOUS LARGE SINGLE PHASE MACHINES	L: 70mm W: 46mm	SW1640A
8 POSITION 30/40 AMPS MAX (S32-61054)	VARIOUS LARGE SINGLE PHASE MACHINES	L: 83mm W: 46mm	SW1840A

MIG VOLTAGE SWITCHES - THREE PHASE (3 POLE)

DESCRIPTION	SUGGESTED REPLACEMENT	SIZE	PART No:
2 POSITION 16/20 AMPS MAX (S16-61039)	VARIOUS MACHINES	L: 57mm W: 42mm	SW3220A
2 POSITION 32/40 AMPS MAX (S32-61039)	VARIOUS MACHINES	L: 70mm W: 46mm	SW3240A
2 POSITION 32 AMP HI – LO SWITCH	CEBORA PROF 50 PLASMA		SW3HILO32A
3 POSITION 16/20 AMPS MAX	PORTAMIG, ETC.		SW3320A
4 POSITION 16/20 AMPS MAX (S16-61090)	CAMARC, BUTTERS	L: 90mm W: 42mm	SW3420A
4 POSITION 16/20 AMPS SHUFFLE SW.(S16-60202)	TEC ARC FINE SWITCH (SPECIAL SHUFFLE SW.)	L: 55mm W: 42mm	SW3420ASP
4 POSITION 32/40 AMPS MAX (S32-61090)	CAMARC, BUTTERS, TEC ARC,	L: 105mm W: 46mm	SW3440A
4 POSITION 32/40 AMPS SHUFFLE SW.(S32-60202)	TEC ARC FINE SWITCH (SPECIAL SHUFFLE SW.)	L: 70mm W: 46mm	SW3440ASP
5 POSITION 32/40 AMPS MAX	BOC / MUREX, PORTAMIG, CAMARC	L: 160mm W: 46mm	SW3540A
6 POSITION 16/20 AMPS MAX SHUFFLE SW.	CEBORA 305, ETC	L: 128mm W: 42mm	SW3620A
6 POSITION 16/20 AMPS MAX (S16-61092)	BOC / MUREX, PORTAMIG, CAMARC	L: 150mm W: 42mm	SW3620A
6 POSITION 32/40 AMPS MAX (S32-61092)	BOC / MUREX, PORTAMIG, CAMARC	L: 160mm W: 46mm	SW3640A
6 POSITION 20 AMPS MAX SPECIAL	FRO, SAF ETC		SW3620AFRO
7 POSITION 20 AMPS MAX	OERLIKON, WEST, CEBORA, BUTTERS NBC		SW3720A
10 POSITION 20 AMPS SHUFFLE SW.(S16-60201)	LOTS OF MACHINES	L: 93mm W: 42mm	SW31020A
12 POSITION 20 AMPS SHUFFLE SW.	MIGATRONIC, OERLIKON, ETC		SW31220AMIG
12 POSITION 20 AMPS SPECIAL SW.	SAF MIG 280BL		SW31220ASAF
0 - LOW - HIGH 20 AMP (CA10 STAR / DELTA SWITCH)	KEMPPI RA325 / RA350	L: 65mm W: 43mm	SW33RA20A
0 - LOW - HIGH 32 AMP (CA20 STAR / DELTA SWITCH)	KEMPPI RA450	L: 80mm W: 45mm	SW33RA32A
4 POSITION 20 AMP (CA10 ROUND MOUNTING)	KEMPPI RA325 / RA350	L: 85mm W: 43mm	SW34RA20A
4 POSITION 32 AMP (CA20 ROUND MOUNTING)	KEMPPI RA450	L: 105mm W: 45mm	SW34RA32A
4 POSITION 20 AMP SALZER (DIRECT REPLACEMENT)	ESAB / MUREX 253 / 353 / 263 / 303 / 320 ETC	L: 108mm W: 45mm	SW34ES20A
10 POSITION 20 AMP SALZER (DIRECT REPLACEMENT)	ESAB / MUREX 253 / 353 / 263 / 303 / 320 ETC	L: 87mm W: 45mm	SW310ES20A
0 - 1 - 2 ON / OFF + CHANGE OVER, 20 AMP MAX	CEBORA, ETC.		SW3301220A
0 - 1 - 2 ON / OFF + CHANGE OVER, 32 AMP MAX	CAMARC, BUTTERS, ETC.	L: 87mm W: 55mm	SW3301232A

ON / OFF SWITCHES

DESCRIPTION	SUGGESTED REPLACEMENT	DIMENSION	PART No:
2 POLE ROCKER SWITCH (400V,16A)	VARIOUS MACHINES	30X22mm cut out	SW20116A
2 POLE ROCKER SWITCH C/W WITH LIGHT (230V,16A)	VARIOUS MACHINES	30X22mm cut out	SW20116AR
ON / OFF 16/20 AMP 2 POLE (S16-61002)	VARIOUS MACHINES	L: 33mm W: 42mm	SW20120A
ON / OFF 32/40 AMP 2 POLE (S32-61002)	VARIOUS MACHINES	L: 38mm W: 46mm	SW20140A
ON / OFF 16/20 AMP 3 POLE (S16-61003)	VARIOUS MACHINES	L: 43mm W: 42mm	SW30120A
ON / OFF 32/40 AMP 3 POLE (S32-61003)	VARIOUS MACHINES	L: 55mm W: 46mm	SW30140A
ON / OFF 63/80 AMP 3 POLE (S63-61003)	VARIOUS MACHINES	L: 68mm W: 70mm	SW30180A
ON / OFF 32/40 AMP 4 POLE (S32-61004)	VARIOUS MACHINES	L: 55mm W: 46mm	SW40140A
AC / DC 125 AMP DPCO SWITCH	VARIOUS AC / DC TIG MACHINES		SW22125A

WHERE POSSIBLE A SWITCH CONVERSION DIAGRAM MAY BE SUPPLIED. PLEASE ASK FOR OUR TECHNICAL DEPARTMENT FOR DETAILS. ALL SWITCH CURRENT RATINGS ARE AC1

Good discounts available on quantities of all switches

We are also stockists & distributors for Salzer and Kraus & Naimer switches

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CONTACTORS, GAS SOLENOIDS & RELAYS

CONTACTORS

HIGH QUALITY MANUFACTURED TO IEC947-4-1, 947-5-1, UL APPROVED, CE MARKED.

KW RATING	AC1 RATING	AC3 RATING	CONTACTS	APPROX SIZE L W H	PART No.
4KW	20A	9A	3 N.O. + 1 N.C. AUX	70mm x 45mm x 80mm	C0901...V
9KW	32A	16A	3 N.O. + 1 N.C. AUX	70mm x 45mm x 80mm	C1801...V
11KW	40A	25A	3 N.O. + 1 N.C. AUX	80mm x 55mm x 93mm	C2501...V
11KW	40A	25A	4 N.O.(special 4 pole version)	80mm x 55mm x 93mm	C2504...V
15KW	52A	32A	3 N.O. + 1 N.C. AUX	80mm x 55mm x 93mm	C3201...V
22KW	60A	40A	3 N.O. + 1 N.C. + 1 N.O AUX	125mm x 72mm x 115mm	C4011...V
22KW	60A	40A	4 N.O.(special 4 pole version)	125mm x 72mm x 115mm	C4004...V
25KW	80A	50A	3 N.O. + 1 N.C. + 1 N.O AUX	125mm x 72mm x 115mm	C5011...V
45KW	110A	80A	3 N.O. + 1 N.C. + 1 N.O AUX	125mm x 72mm x 125mm	C8011...V

ALL CONTACTORS ARE STOCKED IN THE FOLLOWING AC VOLTAGES: 24V, 48V, 110V, 230V, 415V.
The part number should finish with the coil voltage required, e.g. C250148V

SUITABLE FOR USE IN THREE PHASE AND SINGLE PHASE MIGS, TIGS, AND PLASMA MACHINES. ALL EXCEPT THE 4 POLE HAVE THREE NORMALLY OPEN MAIN CONTACTS, AS WELL AS ONE OR TWO AUX. CONTACTS (SEE ABOVE).

AUX CONTACT BLOCKS

The CF411 provides one extra normally open and normally closed set of contacts (10A max). The CF422 provides 2 extra normally open and normally closed sets of contacts. Both clip on top of the contactor.

TOP MOUNTING	PART No: CF411	
TOP MOUNTING	PART No: CF422	*NEW*

LARGER CONTACTORS AVAILABLE ON REQUEST

SPARE COILS

CONTACTOR MODEL	PART NUMBER
0901 + 1801	C12SC....V
2501 + 3201	C32SC....V
4011 + 5011	C40SC....V
8011	C80SC...V

GAS SOLENOID VALVES (suitable for all MIG, TIG & most PLASMAS)

SIZE 1 1/8 BSP inlet & outlet suitable for nearly all machines

VOLTAGE	INLET & OUTLET	PART No
24V ac / 12V dc	1/8 BSP female	GAS124V
42V ac / 24V dc	1/8 BSP female	GAS142V
110V ac / 48V dc	1/8 BSP female	GAS1110V
230V ac / 110v dc	1/8 BSP female	GAS1230V
400V ac	1/8 BSP female	GAS1400V

Approx size excluding terminals
54mm H X 30mm X 20mm

SIZE 2 1/4 BSP inlet & outlet suitable for PLASMA machines & other high flow applications

VOLTAGE	INLET & OUTLET	PART No
24V ac / 12V dc	1/4 BSP female	GAS224V
42V ac / 24V dc	1/4 BSP female	GAS248V
110V ac / 48V dc	1/4 BSP female	GAS2110V
230V ac / 110V dc	1/4 BSP female	GAS2240V

All the above solenoids are designed to run off an a.c. supply, but can also run off a DC supply, see above voltages.
Size 2 solenoids are better suited for high flow applications such as plasma cutters above 100A.

Approx size excluding terminals
65mm H X 35mm X 40mm

LARGE DC CONTACTORS (AVAILABLE UP TO 300 AMPS. USED IN TIG HF UNITS, OCV WIRE FEED UNITS, ETC).

D.P.N.O CONTACTOR @ 160A MAX / POLE. (a.c. & d.c.)	24VDC COIL	PART No: CONT160DP
D.P.N.O CONTACTOR @ 250A MAX / POLE. (a.c. & d.c.)	24VDC COIL	PART No: CONT250DP
S.P.N.O CONTACTOR @200A MAX (dc only)	24VDC COIL	PART No: CONT190SP
S.P.N.O CONTACTOR @ 300A MAX (d.c. only)	24VDC COIL	PART No: CONT300SP
S.P.N.O CONTACTOR @ 320A MAX (d.c. only)	24VDC COIL	PART No: CONT320SP

ALL THE ABOVE CONTACTORS ARE ALSO AVAILABLE IN 12VDC & 48VDC ETC

RELAY`S *NEW*

8 PIN OCTAL PLUG IN RELAY	24VAC COIL, 10A 250VAC	CAMARC, HOBART, ETC	REL224V
11 PIN OCTAL PLUG IN RELAY	24VAC COIL, 10A 250VAC	BUTTERS, ETC.	REL324V
12VDC COIL, 3 POLE RELAY, 16A 250VAC		HOBART BETAMIG, ETC	REL312V
12VDC COIL, 2 POLE RELAY, 10A 250VAC		OXFORD MIGS	REL212V
24Vac / 12Vdc LATCHING RELAY SUITABLE FOR MIG AND TIG MACHINES.			RELA24AC
42Vac LATCHING RELAY SUITABLE FOR MIG AND TIG MACHINES.			RELA42AC
24Vdc LATCHING RELAY SUITABLE FOR MIG AND TIG MACHINES.			RELA24DC

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GAS / WATER FITTINGS & ACCESSORIES.

1/8 BSP - 6MM GAS TAILS – Fits our standard gas solenoids and is suitable for 6mm hoses.
PART No: GAS1860

1/8 BSP - 8MM GAS TAILS - Fits our standard gas solenoids and is suitable for 8mm hoses.
PART No: GAS1880

¼ BSP - 8MM GAS TAILS – suitable for 8 mm hoses.
PART No: GAS1480

3/8 BSP - 8MM GAS TAILS – suitable for 8 mm hoses.
PART No: GAS3880

1/8 MALE – 1/4 FEMALE BSP COUPLER
Can be used to convert solenoids to ¼ BSP fitting
PART No: GAS1814

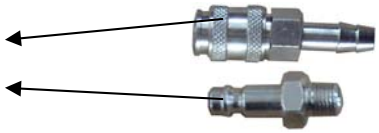
3/8 – R.H. NUT AND TAILS
Quality 3/8 BSP nut & short barbed tail for a good fit on 6 mm hoses. (Sold as a pair only)
PART No: GAS3806T

BULKHEAD FITTING 3/8-1/8
3/8 BSP male fitting bulkhead & 1/8 male fitting at other end.
Suitable for mounting through a panel and will fit our gas solenoids, nut & washers included.
PART No:GAS3818

BULKHEAD FITTING 3/8-6mm tail
3/8 BSP male fitting bulkhead & 6mm gas tail at other end.
Suitable for mounting through a panel for gas and water connections, nut & washers included.
PART No: GAS3814T

SNAP CONNECTOR
TO SUIT KEMPPI, NEXUS, MILLER, ETC. GAS FITTINGS

FEMALE QUICK CONNECTOR	PART No: GASKEM01
MALE CONNECTOR WITH ¼ thread	PART No: GASKEM02



SNAP CONNECTOR
MIGATRONIC MALE GAS FITTING – MALE TIG TORCH AND INTERCON FITTING
PART No: GASMIG01

SNAP CONNECTOR
LINCOLN AND SAF PRESTOTIG MALE GAS FITTING
PART No: GASLIN01

PANEL MOUNT MONO - CONNECTION
Designed for TIG machines.3/8 male fitting for TIG torch gas and welding power connection on the other end.
Insulator same style as a standard Dinse style panel socket.
PART No:GAS3801

PRESSURE SWITCH - (adjustable 0.2-8 bar)
SPCO, 1/8 BSP male fittings, suitable for Plasma's, Water- cooling systems, etc
PART No: GAS18SW

T – CONNECTOR
1/8 BSP female fittings. Ideal for mounting above pressure switch
PART No: GAS1818T

AIR REGULATOR / FILTER
High quality Italian made, for regulating compressed air up to 12 bar for all plasma cutting requirements.
1/4 BSP female inlet and outlet fittings and a 1/8 BSP female port for a pressure gauge.
PART No: REG001

AIR PRESSURE GAUGE 0 – 11 bar (160psi)
Will fit above filter regulator plus many other plasma machines.
Displays air pressure up to 12 bar. It comes as standard with a 1/8 BSP male fitting.
PART No: REG002

PCL SNAP CONNECTOR
Standard male PCL quick release fitting with ¼ BSP male thread to suit above filter regulator.
PART No: GASPCL01

Snap fit water fittings on next page

WATERPUMPS & FITTINGS.

Top quality long life rotary water pumps as used by many of the leading manufacturers & fitted to our water coolers
The pump head and impeller is made from brass & the shaft is stainless steel, the head can be rotated by 90 degree increments so the in & out port position can be changed to suit the machine, the ports are 8mm but 6mm hose is a good tight fit.
We supply this pump with a capacitor and wiring information.

WATER PUMP	110 VOLT AC WATER PUMP COMPLETE. AC SUPPLY 2.5A	WAP1101
WATER PUMP	230 VOLT AC WATER PUMP COMPLETE AC SUPPLY 1.1 Amps	WAP2301
WATER PUMP	400 VOLT AC WATER PUMP COMPLETE AC SUPPLY 0.6 Amps	WAP4001

APPROX SIZE; L - 200mm, W - 110mm, H - 110mm, all pumps have slotted feet for easy mounting.

The above water pumps can be fitted with a 150mm diameter fan blade as shown add FB to end of part number, e.g. WAP2301FB

VIBRATING WATERPUMP (Electromagnetic solenoid type) PART No: WAP2302
230 V AC pump c/w water fittings
Fits virtually all machines that use this type of pump. This will also fit Migatronic machines although is a little bigger than the original. Size approx: Length = 200MM (excluding water fittings) X 110MM square

FLOW SWITCH (adjustable) PART No: FLO11
Suitable for water cooled systems on migs, tigs and plasma cutters.
Adjustable flow switch point 0.5-3.3 L/MIN. 3/8 BSP male inlet & 3/8 BSP female outlet. (Made from stainless steel).
Max. current 1 amp (resistive) Max. voltage: 100V Max. power: 30W (resistive) / 15VA

FLOW SWITCH (fixed) PART No: FLO12
Suitable for water cooled systems on migs, tigs and plasma cutters *(requires mounting vertically)*
Fixed switch point of 0.5 L/MIN. 8mm or 6mm hose tails for inlet and outlet. Size: approx 260mm x 32mm
Max. current 1 amp (resistive) Max. voltage: 100V AC/DC Max. power: 15W, supplied with fittings for 6mm hose.

FLOW SWITCH TRIAC CIRCUIT PART No: FLO13
The above flow switches can only switch low power; this buffer circuit can be wired with the flow switches for switching AC power up to 5 Amps for switching contactor circuits etc.

FEMALE PANEL MOUNT SNAP FITTING (RED) PART No: WA0001R
FEMALE PANEL MOUNT SNAP FITTING (BLUE) PART No: WA0001B
Very High quality snap fittings with an 8mm barbed tail these give a good tight fit on to 6mm hose & also work with 8mm hose

MALE PIPE SNAP FITTING – PART No: WA0002
Suitable for water pipes with an i.d of 5mm.

RADIATOR FOR WATER COOLERS PART No RAD600
Standard radiator with 8mm in and out for 8mm hose or a good tight fit on 6mm hose.
Size 235 x 205 x 70mm (excluding termination of hose)

JUBILEE CLIPS 9.5mm – 12mm (in pks of 10) PART No JUB9512
Top quality, to fit 6mm hose much better than `O` clips, recommended for all water cooling applications.

HOSE CLEAR UNREINFORCED PVC PART NoGAS3005
Clear PVC hose suitable for connecting to euro blocks, etc. 5mm ID, 8mm OD, 1.5mm wall.

HOSE PVC ¼ REINFORCED 10 bar working pressure PART NoGAS3006
Quality British made gas & water hose suitable for coolers, intercons etc 6mm ID 11.5mm OD
This is the very flexible type so it's easier to fit connectors, it will even fit onto 8 mm tails.

HOSE BLACK RUBBER ¼ REINFORCED 20 bar PART NoGAS3006R
Robust rubber antistatic hose suitable for gas & water etc

OTHER WATER FITTINGS, BULKHEAD FITTINGS AND PRESSURE SWITCH ARE AVAILABLE. SEE PAGE 35

RECTIFIERS & SEMI-CONDUCTORS

REPLACEMENT SINGLE PHASE MIG RECTIFIERS

DESCRIPTION	Plate sizes	No. plates	D	Fixing	PART No
130A FULL WAVE BRIDGE	140mm x 100mm	2	40mm	1 BOLT	RECT131ABR
170A FULL WAVE BRIDGE	140mm X 100mm	4	75mm	1 BOLT	RECT171ABR
230A FULL WAVE BRIDGE	200mm x 100mm	4	75mm	2 BOLTS	RECT231ABR
290A FULL WAVE BRIDGE	200mm x 100mm	4	75mm	2 BOLTS	RECT291ABR
400A FULL WAVE BRIDGE	200mm x 100mm	8	140mm	2 BOLTS	RECT401ABR
200A CENTRE TAP	200mm x 100mm	2	35mm	2 BOLTS	RECT201ACT
280A CENTRE TAP	200mm x 100mm	4	95mm	2 BOLTS	RECT281ACT
390A CENTRE TAP	200mm x 100mm	4	95mm	2 BOLTS	RECT391ACT

4 plate 2 bolt fixing 1 ~ rectifier

REPLACEMENT THREE PHASE MIG RECTIFIERS

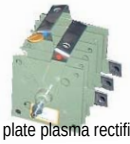
DESCRIPTION	Plate sizes	No. plates	D	Fixing	PART No
290A 3 PHASE BRIDGE	200mm x 100mm	6	100mm	2 BOLTS	RECT293ABR
300A 3 PHASE BRIDGE	250mm x 120mm	2	35mm	2 BOLTS	RECT303ABR
400A 3 PHASE BRIDGE	200mm x 100mm	6	105mm	2 BOLTS	RECT403ABR
450A 3 PHASE BRIDGE	200mm x 100mm	6	105mm	2 BOLTS	RECT453ABR
550A 3 PHASE BRIDGE	300mm x 100mm	6	105mm	3 BOLTS	RECT553ABR
600A 3 PHASE BRIDGE	300mm x 100mm	6	105mm	3 BOLTS	RECT603ABR

The RECT303ABR is a 2 plate rectifier replacement for Esab / Murex 3 phase compacts LKA/LKB type.

6 plate 3 bolt fixing 3 ~ rectifier

REPLACEMENT PLASMA RECTIFIERS

DESCRIPTION	Plate sizes	No. plates	D	Fixing	PART No
30A 1~ FULL WAVE BRIDGE	100mm x 100mm	2	35mm	1 BOLT	RECT31ABR
60A 1~ FULL WAVE BRIDGE	200mm x 100mm	2	35mm	2 BOLTS	RECT61ABR
60A 3~ BRIDGE RECTIFIER	100mm x 100mm	6	115mm	1 BOLT	RECT63ABR
90A 3~ BRIDGE RECTIFIER	100mm x 100mm	6	115mm	1 BOLT	RECT93ABR
120A 3~ BRIDGE RECTIFIER	100mm x 100mm	6	115mm	1 BOLT	REC123ABR



Typical 6 plate plasma rectifier

Amperages for all rectifiers are at 60% duty cycle except RECT303ABR & RECT171ABR which are 35%, all ratings are with fan cooling & good airflow across all plates. Max plate temperature is 140'C fit a thermal cut out if necessary.
The plate sizes quoted give a good indication of overall size; inputs & outputs come out on the 100mm side increasing this dimension a bit, however these can be carefully moved if required (except plasma rectifiers). The D size quoted is the total depth of the rectifier from the first plate to the last plate, however you need to allow another 20mm each side for the ceramic insulator, washers & nut, the mounting bolt also extends further on each side but can be cut down if needed.

QUANTITY DISCOUNTS APPLY FOR MIXED RECTIFIERS.

STUD MOUNTED RECTIFIER DIODES

CURRENT RATING	VOLTAGE RATING	POLARITY	PACKAGE	PART No
70A	600V	STUD CATHODE	DO-5 ¼-28UNF2A	DI70HF60
300A	600V	STUD CATHODE	DO-9 ¼-16UNF2A	DI300U60
300A	600V	STUD ANODE	DO-9 ¼-16UNF2A	DI300UR60

DI300UR60 & DI300U60 replace 70UR60 & 70U60 diodes fitted to many machines such as Kemppi RA350/450, BOC/Murex Transmig, Sterling, etc

PRESS FIT DIODES - COMPLETE WITH BRASS TAILS WITH RING TERMINAL

TYPE		APPLICATION	PART No.
32A 400V	CASE ANODE (BLACK)	ESAB, MIGATRONIC, PORTAMIG, MESSER	DI35400A
32A 400V	CASE CATHODE (RED)	ESAB, MIGATRONIC, PORTAMIG, MESSER	DI35400C
32A 1200V	CASE CATHODE (RED)	PLASMA RECTIFIERS	DI351200C
50A 600V	CASE ANODE (BLACK)		DI50600A
50A 600V	CASE CATHODE (RED)		DI50600C

THYRISTORS *NEW*

For help cross referencing any semiconductors please call our technical dept

THYRISTOR TYPE / PACKAGE	CURRENT (AMPS ave)	VOLTAGE	APPLICATION	PART No
STUD MOUNTED THYRISTOR (6MM STUD)	63A	800V	GENSET, MOSA	THY6312
STUD MOUNTED THYRISTOR (13MM STUD)	80A	800V	OERLIKON, TEC ARC, ETC	THY8008
STUD MOUNTED THYRISTOR 13MM STUD)	110A	800V	OERLIKON, TEC ARC, ETC	THY11008
STUD MOUNTED THYRISTOR (20MM STUD)	180A	800V	OERLIKON, TEC ARC, ETC	THY18008
STUD MOUNTED THYRISTOR (20MM STUD)	230A	800V	OERLIKON, TEC ARC, ETC	THY230120
CAPSULE TYPE THYRISTOR (43MM X 14MM)	410A AVE 780A RMS	600V	GENSET, MOSA, LINCOLN, ETC	THY23006
CAPSULE TYPE THYRISTOR (43MM X 14MM)	500A AVE 960A RMS	400V	GENSET, MOSA, LINCOLN, ETC	THY28004
CAPSULE TYPE THYRISTOR (TO200AB E-PUK)	720A AVE 1420A RMS	1200V	GENSET, MOSA, LINCOLN, ETC	THY330120
INTERNAL THYRISTOR & DIODE MODULE	90A (SKKH9208D / IRKH9106)	800V	MUREX, BOC DC130 / DC135	THYTD9006
DUAL THYRISTOR MODULE	90A (SKKT91/92-12 / IRKT9112)	1200V	OERLIKON, TEC ARC, HIRRANE	THYTT9120
DUAL THYRISTOR MODULE (COMMON CATHODE)	132A (SKMT132-04)	400V	ESAB LAW400/500, MUREX 413/513	THYTT13204

OTHER RECTIFIERS CAN BE MANUFACTURED TO SUIT MOST WELDING MACHINES ON REQUEST. WE ALSO OFFER REBUILDS AND LOAD TESTING ON MOST DIODE AND THYRISTOR RECTIFIERS INCLUDING GENSET AND MOSA GENERATOR WELDERS.

DISCRETE SEMICONDUCTORS AND MODULES – *IGBT`S MOSFETS, DIODES, RECTIFIERS, ETC.*

WE STOCK AND CAN SOURCE A WIDE RANGE OF SEMICONDUCTORS TO SUIT MOST WELDING MACHINES. THESE INCLUDE I.G.B.T MODULES, MOSFETS, DIODE MODULES, THYRISTORS AND TRIACS, ETC. DUE TO THE NUMBER OF DEVICES AVAILABLE IT IS IMPOSSIBLE TO LIST THEM ALL. PLEASE TELEPHONE OUR TECHNICAL DEPARTMENT WITH THE DEVICE PART NUMBER AND MODEL OF MACHINE FOR PRICES. WE CAN ALSO TEST SEMICONDUCTORS.

MODULE TYPE / PACKAGE	AMPS	DIMENSIONS	VOLTAGE	APPLICATION	PART No
SINGLE PHASE INPUT RECTIFIER	35A	28mm X 28mm X 21mm	600V	MOST SINGLE PHASE INVERTERS	RECT35600
THREE PHASE INPUT RECTIFER	35A	28mm X 28mm X 21mm	1200V	MANY 3 ~ INVERTERS	RECT351200
THREE PHASE INPUT RECTIFER	110A		1200V	KEMPPI, ETC.	RECT1101200

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E: sales@technicalarc.co.uk or service@technicalarc.co.uk

PCB REPLACEMENTS

ITEM	DESCRIPTION	PART No.
UNIVERSAL MIG PCB FOR SINGLE PHASE M/C'S (230V)	LOW COST BASIC PCB WITH ON BOARD AUX TRANSFORMER. FUNCTIONS INC: W. speed, in built burnback, + relay contact to drive a 230v~ contactor and solenoid, or directly switch mains into main transformer (up to 170A m/c's). (No aux transformer required) (wire feed motor should be 24v, 60W max) Supply for motor is obtained from secondary of main transformer. (14 - 38VAC) Size L=95mm W=75mm H=50mm	PCB23024
LOW COST W.F.U. PCB *UNIQUE*	LOW COST W.F.U. PCB REPLACEMENT. 22 - 48 VOLT AC INPUT, FUNCTIONS INC: W. speed, in built burnback, relay contacts to drive contactor and solenoid, (wire feed motor should be 24v, 70W max) Size L=103mm W=72mm H=35mm	PCB2248
UNIVERSAL MIG PCB	23V - 55V ~ INPUT, *(EXTREMELY ROBUST PCB)* WIRE SPEED CONTROL, BURNBACK CONTROL, NORMAL TRIGGER & TRIGGER LATCH FUNCTIONS, WIRE INCH FUNCTION, 2 X RELAY CONTACTS FOR CONTROL OF CONTACTOR & SOLENOID. Size L=175mm W=100mm H=35mm *REPLACES THE OLD PCB2401 AND PCB4201 AND IS 100% COMPATIBLE.*	PCB2355
REPLACEMENT MUREX 2X2 / 4X4 / 162 / 244 PCB	42 V ~ INPUT, DIRECT REPLACEMENT FOR THE MUREX W122 PCB WIRE SPEED CONTROL, NORMAL TRIGGER & TRIGGER LATCH FUNCTIONS, WIRE INCH FUNCTION, CONTROL OF CONTACTOR & SOLENOID.	PCB4202
110V MOTOR CONTROL PCB	SUITABLE FOR CONTROLLING THE SPEED OF 110VDC MOTORS, (PERMANENT MAGNET OR DC SHUNT MOTORS), UP TO 250W MAX. FUNCTIONS INCLUDE: INFINITELY VARIABLE WIRE SPEED CONTROL, STOP / START OF MOTOR. Size L=103mm W=72mm H=35mm	PCB1101
110V MIG CONTROL PCB	SUITABLE FOR CONTROLLING THE SPEED OF 110VDC MOTORS, (PERMANENT MAGNET OR DC SHUNT MOTORS), UP TO 250W MAX. FUNCTIONS INCLUDE: INFINITELY VARIABLE WIRE SPEED CONTROL, INBUILT BURNBACK, RELAY CONTACTS TO DRIVE CONTACTOR AND GAS VALVE Size L=103mm W=72mm H=35mm	PCB1102
TRIGGER LATCHING PCB	SUITABLE FOR MIG AND TIG MACHINES TO GIVE TORCH TRIGGER LATCHING FACILITY, WITH THE OPTION TO FIT A SWITCH ENABLING NORMAL TORCH TRIGGERING OR TRIGGER LATCHING. IT WILL WORK OFF VOLTAGES FROM 18V TO 50V INPUT, AC OR DC.	PCB2404
HF SYSTEM UNIVERSAL AC-DC TIGS	400 AMP HF COIL, UNIVERSAL ELECTRONIC HF PCB. REQUIRES 230V AC AND OPEN CIRCUIT VOLTS INPUT. Size PCB L=115mm W=100mm H=50mm HF coil L=130mm W=100mm H=130mm A truly universal HF system which will fit virtually all AC DC or DC TIG machines up to 400A. Fits Migatronic MTE & Dialogue range, Miller Syncrowaves, Murex 255, 355, 275, 375, LTEC Heliarc, Hobart TIGWAVE & TIGWELD, Lincoln 255 & 350, SAF Nertabloc, ETC ETC ETC 110V TO 230V STEP UP TRANSFORMERS AVAILABLE TO POWER THE HF SYSTEM FROM A 110 VOLT SUPPLY. SEE PAGE 43	PCHF4001
HF SYSTEM SPECIAL AC-DC TIGS	REPLACEMENT FOR RE167 ELECTRONIC HF MODULES REQUIRES 230V AC AND OPEN CIRCUIT VOLTS INPUT. USED AS A REPLACEMENT IN MESSER / EWM TIGS, OERLIKON TAC 203/ 253 / 355P, WEST TIGS, CEBORA 160 AC/DC,	PCHF4002
HF SYSTEM UNIVERSAL PLASMA'S	HF COIL & PCB TO SUIT PLASMAS CUTTING MACHINES. REQUIRES SWITCHED 230V AC. 150 AMPS MAX CURRENT size, PCB L=115mm W=100mm H=50mm HF coil L=130mm W=100mm H=130mm	PCPL1501

Torch trigger latching relays see page 34

ALL THE ABOVE REPLACEMENT PCB'S ARE EASY TO FIT, RELIABLE AND WILL SUIT A VAST RANGE OF MACHINES. ALL COME COMPLETE WITH MOUNTING PARTS, CONNECTORS, POTENTIOMETER AND FITTING INSTRUCTIONS.

CONNECTORS

AMPHENOL STYLE CONNECTORS *EXTENDED RANGE*

DESCRIPTION	APPLICATION	PART No
2 WAY CABLE PLUG (12S – 3)	MUREX, ESAB, ETC.	AMP02CP
2 WAY PANEL SOCKET (12S – 3)	MUREX, ESAB, ETC.	AMP02PS
3 WAY CABLE PLUG (10 – 3)	CEA	AMPO3CCP
3 WAY PANEL SOCKET (10 – 3)	CEA	AMP03CPS
3 WAY CABLE PLUG (14S – 1)	GENSET	AMPO3CP
3 WAY CABLE SOCKET (14S – 1)	GENSET	AMPO3CS
3 WAY PANEL PLUG (14S – 1)	GENSET	AMP03PP
3 WAY PANEL SOCKET (14S – 1)	GENSET	AMP03PS
4 WAY CABLE PLUG (18-4)	KEMPPI, ETC.	AMP04CP
4 WAY CABLE SOCKET (18-4)	KEMPPI, ETC.	AMP04CS
4 WAY PANEL PLUG (18-4)	KEMPPI, ETC.	AMP04PP
4 WAY PANEL SOCKET (18-4)	KEMPPI, ETC.	AMP04PS
4 WAY INLINE CABLE PLUG (18-4)	KEMPPI, ETC	AMP04CPIL
4 WAY INLINE CABLE SOCKET (18-4)	KEMPPI, ETC	AMP04CSIL
5 WAY CABLE PLUG (16S - 8)	MILLAR, SAF, ETC.	AMP05MCP
5 WAY CABLE SOCKET (16S - 8)	MILLAR, SAF, ETC.	AMP05MCS
5 WAY PANEL PLUG (16S - 8)	MILLAR, SAF, ETC.	AMP05MPP
5 WAY PANEL SOCKET (16S - 8)	MILLER, SAF, ETC.	AMP05MPS
5 WAY CABLE PLUG (14S-5)	PORTAMIG, CEA, ETC.	AMP05CP
5 WAY CABLE SOCKET (14S-5)	PORTAMIG, CEA, ETC.	AMP05CS
5 WAY PANEL PLUG (14S-5)	PORTAMIG, CEA, ETC.	AMP05PP
5 WAY PANEL SOCKET (14S-5)	PORTAMIG, CEA, ETC.	AMP05PS
6 WAY CABLE PLUG (14S - 6)	MOSA, CEBORA, CEA, WECO, ETC.	AMP06MCP
6 WAY CABLE SOCKET (14S - 6)	MOSA, CEBORA, CEA, WECO, ETC.	AMP06MCS
6 WAY PANEL PLUG (14S - 6)	MOSA, CEBORA, CEA, WECO, ETC.	AMP06MPP
6 WAY PANEL SOCKET (14S - 6)	MOSA, CEBORA, CEA, WECO, ETC.	AMP06MPS
6 WAY CABLE PLUG (18 - 12)	LINCOLN, KAMANCHI, ETC.	AMP06CP
6 WAY CABLE SOCKET (18 - 12)	LINCOLN, KAMANCHI, ETC.	AMP06CS
6 WAY PANEL PLUG (18 - 12)	LINCOLN, KAMANCHI, ETC.	AMP06PP
6 WAY PANEL SOCKET (18 - 12)	LINCOLN, KAMANCHI, ETC.	AMP06PS
6 WAY CABLE PLUG (3 LARGE + 3 SMALL PINS)	BOC, MUREX, ETC	AMP06BCP
7 WAY CABLE PLUG (16S-1)	BUTTERS, CAMARC, KEMPPI, ETC.	AMP07CP
7 WAY CABLE SOCKET (16S-1)	BUTTERS, CAMARC, KEMPPI, ETC.	AMP07CS
7 WAY PANEL PLUG (16S-1)	BUTTERS, CAMARC, KEMPPI, ETC.	AMP07PP
7 WAY PANEL SOCKET (16S-1)	BUTTERS, CAMARC, KEMPPI, ETC.	AMP07PS
7 WAY INLINE CABLE PLUG (16S-1)	BUTTERS, CAMARC, KEMPPI, ETC.	AMP07CPIL
7 WAY INLINE CABLE SOCKET (16S-1)	BUTTERS, CAMARC, KEMPPI, ETC.	AMP07CSIL
7 WAY CABLE PLUG (16S-1) *special*	KEMPPI	AMP07KCP
7 WAY PANEL SOCKET (16S-1) *special*	KEMPPI	AMP07KPS
8 WAY CABLE PLUG (18-8)	ESAB, MIGATRONIC, ETC.	AMP08CP
8 WAY CABLE SOCKET (18-8)	ESAB, MIGATRONIC, LINCOLN, ETC.	AMP08CS
8 WAY PANEL PLUG (18-8)	ESAB, MIGATRONIC, LINCOLN, ETC.	AMP08PP
8 WAY PANEL SOCKET (18-8)	ESAB, MIGATRONIC, ETC.	AMP08PS
9 WAY CABLE SOCKET (20 – 16S)	LINCOLN	AMP09CS
9 WAY CABLE PLUG (20 – 16S)	LINCOLN	AMP09CP
10 WAY CABLE PLUG (18-1)	MUREX, BOC, OERLIKON, KEMPPI, ETC	AMP10CP
10 WAY CABLE SOCKET (18-1)	MUREX, BOC, OERLIKON, KEMPPI, ETC	AMP10CS
10 WAY PANEL PLUG (18-1)	MUREX, BOC, OERLIKON, KEMPPI, ETC	AMP10PP
10 WAY PANEL SOCKET (18-1)	MUREX, BOC, OERLIKON, KEMPPI, ETC	AMP10PS
10 WAY INLINE CABLE PLUG (18-1)	MUREX, BOC, OERLIKON, KEMPPI, ETC	AMP10CPIL
10 WAY INLINE CABLE SOCKET (18-1)	MUREX, BOC, OERLIKON, KEMPPI, ETC	AMP10CSIL
10 WAY CABLE PLUG (18 - 19) *SPECIAL*	HOBART	AMP10HCP
14 WAY CABLE PLUG (20-27)	HOBART, LINCOLN, OERLIKON, CITOARC, POWCON, MILLER, ETC.	AMP14CP
14 WAY CABLE SOCKET (20-27)	HOBART, LINCOLN, OERLIKON, CITOARC, POWCON, MILLER, ETC.	AMP14CS
14 WAY PANEL PLUG (20-27)	HOBART, LINCOLN, OERLIKON, CITOARC, POWCON, MILLER, ETC.	AMP14PP
14 WAY PANEL SOCKET (20-27)	HOBART, LINCOLN, OERLIKON, CITOARC, POWCON, MILLER, ETC.	AMP14PS
14 WAY INLINE CABLE SOCKET (20-27)	HOBART, LINCOLN, OERLIKON, CITOARC, POWCON, MILLER, ETC.	AMP14CSIL
14 WAY INLINE CABLE PLUG (20-27)	HOBART, LINCOLN, OERLIKON, CITOARC, POWCON, MILLER, ETC.	AMP14CPIL
14 WAY CABLE PLUG (20-27) *SPECIAL*	MUREX, LINCOLN	AMP14MCP
14 WAY PANEL SOCKET (20-27) *SPECIAL*	MUREX, LINCOLN	AMP14MPS
19 WAY CABLE PLUG	MUREX	AMP19CP

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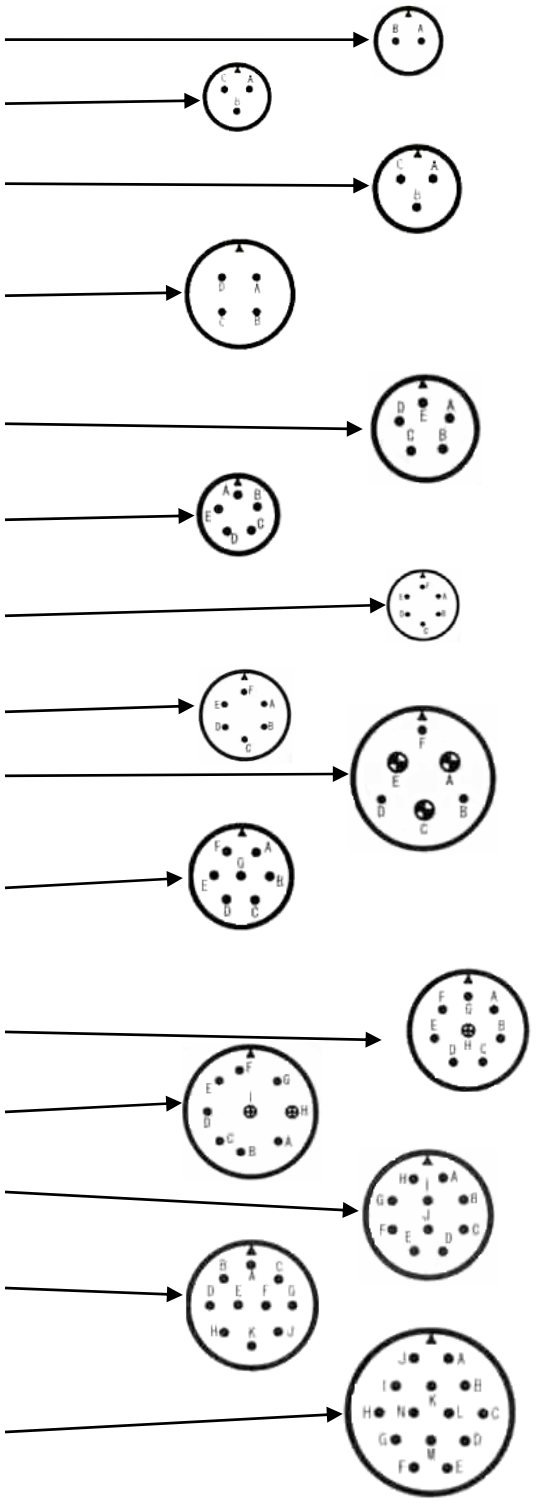

All cable plugs & sockets have clamp included

Please phone if you cannot see the connector you require listed above.

Panel plug

Panel socket

Inline cable socket, mates with a cable plug, used for extending intercons.
(Inline cable plugs can also be supplied these mate with cable sockets)

Cable socket

Cable plug

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CONNECTORS

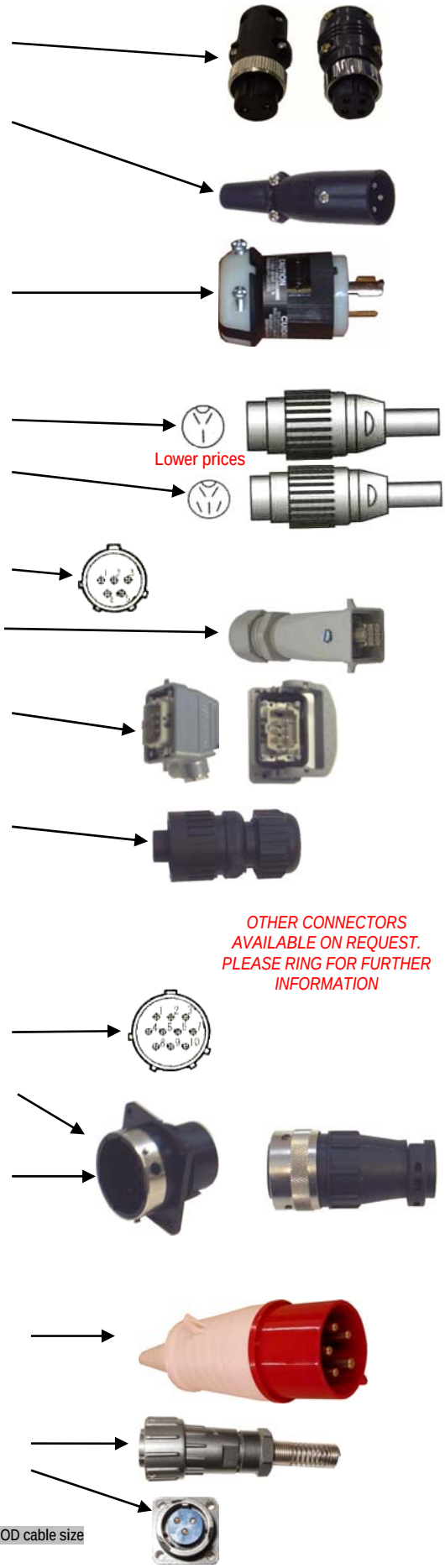
OTHER CONNECTORS – to suit various makes and models of welding machines

DESCRIPTION	APPLICATION	PART No
2 PIN CABLE SOCKET	OTC, PANASONIC, HITACHI	CONOTC2CS
4 PIN CABLE SOCKET	OTC, PANASONIC, HITACHI	CONOTC4CS
3 PIN XLR CABLE PLUG	TEC ARC, CITOARC,	CON03CP
3 PIN XLR CABLE SOCKET	TEC ARC	CON03CS
3 PIN XLR PANEL PLUG	TEC ARC	CON03PP
3 PIN XLR PANEL SOCKET	TEC ARC, CITOARC,	CON03PS
4 PIN XLR CABLE SOCKET	TEC ARC,	CON04CS
4 PIN XLR PANEL PLUG	TEC ARC,	CON04PP
5 PIN XLR CABLE PLUG	TEC ARC, CITOARC, ARCTEC	CON05CP
5 PIN XLR PANEL SOCKET	TEC ARC, CITOARC, ARCTEC	CON05PS
2 PIN CONNECTOR	BUTTERS AMT, MITECH, PARWELD, S.W.P,	CON02AMT
3 PIN CONNECTOR	GREEN BIRD, JASIC, ETC.	CON03AMT
2 PIN HUBBELL PLUG	MILLER / LTEC / UNION CARBIDE	CON02HUB
3 PIN HUBBELL PLUG	MILLER / LTEC / UNION CARBIDE	CON03HUB
3 PIN HUBBELL PLUG	MILLER (ITALIAN) 110V AUX PLUG	CON03HUBW
3 PIN STRAIGHT PIN PLUG (C/W 2MTR LEAD)	MILLER / LINCOLN 110V AUX PLUG	CON03110
3 PIN 110V AUX. PLUG	BUTTERS, CAMARC, ETC	CON03110BUT
3 PIN CABLE PLUG	NEWARC RT1500 / RT2000 ETC.	CON03NKCP
3 PIN PANEL SOCKET	NEWARC RT1500 / RT2000 ETC.	CON03NKPS
3 PIN TUECHEL CABLE PLUG	MESSER, LINCOLN, MUREX, STEL, MERKLE, CLOUS, LORCH, TELWYN OERLIKON, SEALEY	CON03TU
5 PIN TUECHEL CABLE PLUG	MESSER, LINCOLN, MUREX, STEL, EWM SAF, OERLIKON, ESS, L-TEC, LORCH, FRONIUS, EUTECTIC, MERKLE	CON05TU
4 PIN PLASTIC PLUG	SELCO, MILLER,	CON04SEL
5 PIN CABLE PLUG	CEBORA, MIGATRONIC, LINCOLN, HOBART	CON05CCP
5 PIN CABLE SOCKET	CEBORA, MIGATRONIC, LINCOLN, HOBART	CON05CSS
5 PIN PANEL SOCKET	CEBORA, MIGATRONIC, LINCOLN, HOBART	CON05CPS
5 PIN PANEL PLUG	CEBORA, MIGATRONIC, LINCOLN, HOBART	CON05CPP
6 WAY SQUARE CABLE PLUG (HARTING)	MIGATRONIC	CON06MCP
6 WAY MILLER CABLE PLUG	MILLER	CON06MILCP
6 WAY MILLER PANEL SOCKET	MILLER	CON06MILPS
6 WAY 16A RECTANGULAR CABLE SOCKET	OERLIKON, WEST, KAMANCHI	CON06CS
6 WAY 16A RECTANGULAR CABLE PLUG	OERLIKON, WEST, KAMANCHI	CON06CP
6 WAY 16A RECTANGULAR PANEL SOCKET	OERLIKON, WEST, KAMANCHI	CON06PS
6 WAY 16A RECTANGULAR PANEL PLUG	OERLIKON, WEST, KAMANCHI	CON06PP
7 PIN CABLE PLUG	COMMECY CYTIG	CON07CYCP
7 PIN PLASTIC CABLE PLUG (C16-1)	BUTTERS, MIGATRONIC, NEWARC	CON07CP
7 PIN PLASTIC CABLE SOCKET (C16-1)	BUTTERS, NEWARC	CON07CS
7 PIN PLASTIC PANEL PLUG (C16-1)	BUTTERS, NEWARC	CON07PP
7 PIN PLASTIC PANEL SOCKET (C16-1)	BUTTERS, MIGATRONIC, NEWARC	CON07PS
7 PIN CABLE PLUG (10-07)	CEMONT	CON07CCP
7 PIN PANEL SOCKET (10-07)	CEMONT	CON07CPS
8 PIN CABLE PLUG	THERMAL ARC	CON08CP
8 PIN PANEL SOCKET	THERMAL ARC	CON08PS
8 PIN RECTANGULAR CABLE SOCKET	AA WELDING / STERLING	CON08SCS
8 PIN RECTANGULAR PANEL PLUG	AA WELDING / STERLING	CON08SPP
9 PIN RECTANGULAR CABLE PLUG	FRONUIS	CON09CP
10 PIN CABLE PLUG	CEBORA	CON10CP
10 PIN PANEL SOCKET	CEBORA	CON10PS
12 PIN BURNDY CABLE PLUG (C/W PINS)	MUREX, ESAB,	CON12CP
12 PIN BURNDY CABLE SOCKET (C/W PINS)	MUREX, ESAB,	CON12CS
12 PIN BURNDY PANEL PLUG (C/W PINS)	MUREX, ESAB,	CON12PP
12 PIN BURNDY PANEL SOCKET (C/W PINS)	MUREX, ESAB,	CON12PS
23 PIN BURNDY CABLE PLUG (C/W PINS)	MUREX, ESAB,	CON23CP
23 PIN BURNDY CABLE SOCKET (C/W PINS)	MUREX, ESAB,	CON23CS
23 PIN BURNDY PANEL PLUG (C/W PINS)	MUREX, ESAB,	CON23PP
23 PIN BURNDY PANEL SOCKET (C/W PINS)	MUREX, ESAB,	CON23PS
14 PIN PLASTIC CABLE PLUG	MESSER GRIESHAM / POWCON / EWM	CON14CP
14 PIN PLASTIC PANEL SOCKET	MESSER GRIESHAM / POWCON /EWM	CON14PS
19 PIN PLASTIC CABLE PLUG	MESSER GRIESHAM / EWM / SAF	CON19CP
19 PIN PLASTIC PANEL SOCKET	MESSER GRIESHAM / EWM / SAF	CON19PS
4 PIN 400V 16A MAINS PLUG (RED)		CON40016CP
4 PIN 400V 32A MAINS PLUG (RED)		CON40432CP
5 PIN 400V 32A MAINS PLUG (RED)		CON40532CP
4 PIN 400V 16A MAINS COUPLER (cable socket)	(RED)	CON40016CS
4 PIN 400V 32A MAINS COUPLER (cable socket)	(RED)	CON40432CS
5 PIN 400V 32A MAINS COUPLER (cable socket)	(RED)	CON40532CS
3 PIN TA CONNECTOR robust bayonet type cable plug		CONTA03CP
3 PIN TA CONNECTOR robust bayonet type cable socket		CONTA03CS
3 PIN TA CONNECTOR robust bayonet type panel socket		CONTA03PS
3 PIN TA CONNECTOR robust bayonet type panel plug		CONTA03PP
3 PIN TA CONNECTOR robust bayonet type Inline cable plug		CONTA03CP
3 PIN TA CONNECTOR robust bayonet type Inline cable plug		CONTA03CP

TA connectors are a range of robust metal connectors fitted to TECARC SWF MIGS, rated @ 230V 10A max with 8mm max OD cable size

Next day delivery on all spares

Lower prices



OTHER CONNECTORS AVAILABLE ON REQUEST. PLEASE RING FOR FURTHER INFORMATION

CALL NOW! +44 (0)1904 410041
Technical ARC, Outgang Lane Osbaldwick, York, UK Y019 5UP. F: +44 (0)1904 414973
E: sales@technicalarc.co.uk or service@technicalarc.co.uk

INTERCONNECTION LEADS - MIG (SHEATHED)

A range of interconnection leads in various sizes and lengths, and covered with a sheathing. All come with 1/4" reinforced gas hose fitted with 3/8" nut and tail either end, welding cable with dinse type plug and socket fitted on ends, and either 3 core, 4 core, 7 core, 12 core or 18 core control cable (with no plugs fitted as standard). Water pipes are approx 1M longer at both ends & have no fittings as standard. We can fit any Amphenol type plugs to these intercons etc please phone.

35mm welding cable for maximum 300A machines.

LENGTH	STD. INTERCON PART No.	WATERCOOLED INTERCON PART No.
5m	INT3505_	INT3505W_
10m	INT3510_	INT3510W_
15m	INT3515_	INT3515W_
20m	INT3520_	INT3520W_

50mm welding cable for maximum 400A machines.

LENGTH	STD. INTERCON PART No.	WATERCOOLED INTERCON PART No.
5m	INT5005_	INT5005W_
10m	INT5010_	INT5010W_
15m	INT5015_	INT5015W_
20m	INT5020_	INT5020W_

70mm welding cable for maximum 500A machines.

LENGTH	STD. INTERCON PART No.	WATERCOOLED INTERCON PART No.
5m	INT7005_	INT7005W_
10m	INT7010_	INT7010W_
15m	INT7015_	INT7015W_
20m	INT7020_	INT7020W_

95mm welding cable for maximum 600A machines.

LENGTH	STD. INTERCON PART No.	WATERCOOLED INTERCON PART No.
5m	INT9505_	INT9505W_
10m	INT9510_	INT9510W_
15m	INT9515_	INT9515W_
20m	INT9520_	INT9520W_

PLEASE ADD `3` AT THE END OF THE PART No. FOR 3 CORE CABLE,`4` FOR `4` CORE CABLE, `7` FOR 7 CORE CABLE OR 8 FOR 8 CORE CABLE. (PRICE SAME).
FOR 12 CORE CABLE ADD `12` TO THE END OF THE PART No.
FOR 18 CORE CABLE ADD `18` TO THE END OF THE PART No.

5 MTR INTERCONS COME WITH 1MM MULTICORE AS STANDARD. LONGER LENGTH INTERCONS NOW COME WITH 1.5MM MULTICORE AS STANDARD.
ALL INTERCONS ARE SHEATHED IN ZIPPER COVERS AS STANDARD, FOR COVERING IN H. DUTY BLUE SHEATHING SPECIFY WHEN ORDERING. OTHER SPECIFIC LENGTHS, SIZES, ETC. ARE AVAILABLE ON REQUEST.

WELDING CONNECTORS – (VERY HIGH QUALITY DINSE TYPE WELDING CONNECTORS)

TYPE	SIZE	No.
DINSE TYPE PANEL SOCKET	16MM -25MM (SMALL TYPE)	PST1625
DINSE TYPE PANEL SOCKET	35MM -70MM	PST3570
DINSE TYPE PANEL SOCKET	70MM -95MM	PST7095
DINSE TYPE PANEL PLUG	35MM -70MM	PPT3570
DINSE TYPE PANEL PLUG	70MM -95MM	PPT7095
DINSE TYPE CABLE PLUG	16MM -25MM (SMALL TYPE)	CPT1625
DINSE TYPE CABLE PLUG	35MM -70MM	CPT3570
DINSE TYPE CABLE PLUG	70MM -95MM (HD DOUBLE SCREW TYPE)	CPT7095
DINSE TYPE CABLE SOCKET	35MM -70MM	CST3570
DINSE TYPE CABLE SOCKET	70MM -95MM (HD DOUBLE SCREW TYPE)	CST7095

EARTH CLAMPS

TYPE	SIZE	PART No.
300A CROCODILE EARTH CLAMP	(LIGHT DUTY)	EC300A
400A CROCODILE EARTH CLAMP	(MEDUIM DUTY USA STYLE)	EC400A
500A CROCODILE EARTH CLAMP	(VERY HEAVY DUTY USA STYLE)	EC500A

CABLE LUGS - *(BEST QUALITY BRITISH MADE)*

CABLE LUG SIZE	PART No.
10MM SQ X 6MM	LUG1006
16MM SQ X 6MM	LUG1606
16MM SQ X 8MM	LUG1608
16MM SQ X 12MM	LUG1612
25MM SQ X 6MM	LUG2506
25MM SQ X 8MM	LUG2508
25MM SQ X 12MM	LUG2512
35MM SQ X 8MM	LUG3508
35MM SQ X 12MM	LUG3512

CABLE LUG SIZE	PART No.
50MM SQ X 8MM	LUG5008
50MM SQ X 12MM	LUG5012
70MM SQ X 8MM	LUG7008
70MM SQ X 12MM	LUG7012
95MM SQ X 8MM	LUG9508
95MM SQ X 12MM	LUG9512
120MM SQ X 12MM	LUG12012
120MM SQ X 16MM	LUG12016

CRIMP OR SOLDER ON

CABLES, SHEATHING & HOSE

MULTI CORE CABLE – (HIGH QUALITY RUBBER MAINS CABLES & PVC CONTROL CABLE ETC CUT TO LENGTH)

CABLE TYPE	SUGGESTED USE	PART No
YY PVC CABLES		
2 CORE 1MM YY CABLE (PVC)	INTER-CONNECTORS / TORCH TRIGGER WIRES	CAB201
3 CORE 1MM YY CABLE (PVC)	INTER-CONNECTORS	CAB301
3 CORE 1.5MM YY CABLE (PVC)	INTER-CONNECTORS	CAB315
4 CORE 1.5MM YY CABLE (PVC)	INTER-CONNECTORS	CAB415
7 CORE 1MM YY CABLE (PVC)	INTER-CONNECTORS	CAB701
7 CORE 1.5MM YY CABLE (PVC)	INTER-CONNECTORS	CAB715
8 CORE 1.5MM YY CABLE (PVC)	INTER-CONNECTORS	CAB815
12 CORE 1.5MM YY CABLE PVC)	NTER-CONNECTORS	CAB1215
18 CORE 1MM YY CABLE (PVC)	INTER-CONNECTORS	CAB1801
RUBBER MAINS CABLES		
3 CORE 1.5MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 1~ PHASE MIGS UPTO 180A	CAB315R
3 CORE 2.5MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 1~ PHASE MIGS UPTO 230A,	CAB325R
3 CORE 4MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 1~ PHASE MIGS UPTO 300A,	CAB304R
3 CORE 6MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 1~ PHASE MIGS UPTO 350A	CAB306R
3 CORE 10MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 1~ VERY HEAVY DUTY APPLICATIONS	CAB310R
4 CORE 1.5MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 3 ~ MIGS UPTO 280A	CAB415R
4 CORE 2.5MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 3 ~ MIGS UPTO 450A	CAB425R
4 CORE 4MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 3 ~ MIGS UPTO 600A	CAB404R
4 CORE 6MM CABLE HO7RNF 85 degree rubber	MAINS CABLE 3 ~ HEAVY DUTY MACHINES	CAB406R
SY STEEL ARMOURED CABLES		
3 CORE 1MM CABLE SY STEEL ARMOURED	INTER-CONNECTORS, REMOTE CABLES	CAB301SY
3 CORE 4MM MAINS CABLE SY STEEL ARMOURED	SINGLE PHASE MAINS EXTENSION LEADS	CAB310SY
3 CORE 10MM MAINS CABLE SY STEEL ARMOURED	HD LARGE SINGLE OR 2 PHASE MIGS/TIGS/MMA	CAB310SY
4 CORE 2.5MM MAINS CABLE SY STEEL ARMOURED	3 PHASE EXTENSION LEADS & MIGS UPTO 400A	CAB425SY
4 CORE 4MM MAINS CABLE SY STEEL ARMOURED	3 PHASE EXTENSION LEADS & MIGS UPTO 500A	CAB404SY
4 CORE 6MM MAINS CABLE SY STEEL ARMOURED	3 PHASE MIGS UPTO 600A & LARGE POWER SOURCES	CAB406SY
4 CORE 10MM MAINS CABLE SY STEEL ARMOURED	HEAVY DUTY MACHINES, SUB-ARC ETC	CAB410SY
OTHER CABLES		
5 CORE SCREENED CABLE 0.2MM (5.5mmOD)	SCREENED REMOTE CABLE FOR HF MACHINES	CAB502SC

WELDING CABLE

16MM WELDING CABLE	PART: CAB16
25MM WELDING CABLE	PART: CAB25
35MM WELDING CABLE	PART: CAB35
50MM WELDING CABLE	PART: CAB50
70MM WELDING CABLE	PART: CAB70
95MM WELDING CABLE	PART: CAB95
120MM WELDING CABLE	PART: CAB120

Welding cable can be cut to any length
Please ring for current pricing

GAS & WATER HOSE

	PART No.
HOSE TOP QUALITY ¼ REINFORCED PVC 30M REEL	GAS3006
Flexible British made PVC hose 10bar working pressure rating	
HOSE BLACK RUBBER ¼ REINFORCED 20 bar	GAS3006R
20 bar working pressure rating	

INTERCON SHEATHING

	Part No.
INTERCON SHEATHING H. DUTY BLUE 38mm DIA	SHE3801
INTERCON SHEATHING H. DUTY BLUE 51mm DIA	SHE5501

.

INTERCON SHEATHING ZIPPERS

		PART NO.
2.5MTR	(40MM I.D – 130MM WIDE) For 3 M intercons	SHZ4030
4.5MTR	(40MM I.D – 130MM WIDE) For 5 M intercons	SHZ4050
9.5MTR	(40MM I.D – 130MM WIDE) For 10 M intercons	SHZ4010
14.5MTR	(40MM I.D – 130MM WIDE) For 15 M intercons	SHZ4015
19.5MTR	(40MM I.D – 130MM WIDE) For 20M intercons	SHZ4020

TIG TORCH ZIPPER COVERS

12FT 110mm Wide (35mm dia)	SHZ3012
25FT 110mm Wide (35mm dia)	SHZ3025

TRANSFORMER & CHOKE REPLACEMENTS

AUXILIARY TRANSFORMERS

Next day delivery on all spares

PRIMARY VOLTAGES	SECONDARY VOLTAGES	TOTAL VA	APPROX SIZE	REPLACEMENT FOR	PART No
0 – 110 - 230		50	80 X 50 X 60	AUTO TRANS	AUX110230
0 - 230	0 - 24	180	100 X 75 X 80	VARIOUS MACHINES	AUX1501
0 - 230 - 400	0 - 24	180	100 X 75 X 80	VARIOUS MACHINES	AUX1502
0 - 230 - 400	0 - 42	180	100 X 75 X 80	VARIOUS MACHINES	AUX1503
0 - 230 - 400	0 - 24 - 42	180	100 X 75 X 80	VARIOUS MACHINES	AUX1504
0 - 24 - 42 - 110 / 0 - 12		180	100 X 75 X 80	STERLING W.F.U.	AUX1505
0 - 220 - 240	0 - 27 / 0 - 9	180	100 X 75 X 80	ELAND MIG 160 / 200	AUX1506
0 - 220 - 240	0 - 27 / 0 - 42	180	100 X 75 X 80	ELAND	AUX1507
0 – 25 - 245 - 405	0 – 25 / 0 - 18	180	100 X 75 X 80	MIGATRONIC KDO	AUX1508
0 - 230 - 400	0 - 230 / 18 - 0 - 18	180	100 X 75 X 80	MIGATRONIC. THERMAL ARC	AUX1509
0 - 230 - 400	0 - 27 / 0 - 9	180	100 X 75 X 80	TECARC SWF MIGS	AUX15010
0 - 24 – 45 / 0 - 110		160	D= 120 W= 50	TOROID FOR MULTIV	AUX1607
0 - 230 - 400	0 - 24	250	115 X 110 X 95	VARIOUS MACHINES	AUX2501
0 - 230 - 400	0 - 42	250	115 X 110 X 95	VARIOUS MACHINES	AUX2502
0 - 230 - 400	0 - 24 - 42	250	115 X 110 X 95	PORTAMIG, ESAB, ETC	AUX2503
0 - 230 - 400	0 - 24 - 230	250	115 X 110 X 95	MAX ARC, ETC	AUX2504
0 - 230 - 400	0 - 42 - 110	250	115 X 110 X 95	BUTTERS, ETC	AUX2505
0 - 240 - 415	0 - 24 / 0 - 42	250	115 X 110 X 95	MUREX, OERLIKON ETC	AUX2506
0 - 220 / 0 – 220	0 - 10 - 42	250	115 X 110 X 95	OXFORD MIG	AUX2507
0 - 240 - 415	0 - 16 - 34 - 45 / 0 - 40	250	115 X 110 X 95	HOBART BETAMIG	AUX2508
0 - 230 - 400	0 - 24 / 12 - 0 - 12	250	115 X 110 X 95	SAF MIG	AUX2509
0 - 230 - 400	12 - 0 - 12 / 24 / 24 / 24 / 135	250	115 X 110 X 95	ESAB DTA	AUX2510
0 - 220 - 400	18 - 0 - 18 / 27 / 26 / 20 / 20	250	115 X 110 X 95	CEBORA PROFF 122	AUX2511
0 - 240 - 415	29 - 0 - 29	350	135 X 125 X 115	KEMPPI, ETC	AUX3501
0 - 240 - 415	0 - 24 - 42 - 110	350	135 X 125 X 115	CAMARC, NBC ,ETC	AUX3502
0 - 240 - 415	0 - 55 - 110	350	135 X 125 X 115	LINCOLN FCR, ETC	AUX3503
0 – 230 - 400	0 - 24 / 0 - 110	350	135 X 125 X 115	MILLER, SIGMA, ETC	AUX3504
0 - 230 - 400	0 - 48 - 80 / 0 - 24	350	135 X 125 X 115	SIP MIGS	AUX3505
0 – 230 – 400	0 – 26 / 0 – 8	350	135 X 125 X 115	TEC ARC W. COOLED	AUX3506
0 – 230 – 400	0 – 44 / 0 – 26 / 0 – 10 – 20 – 24	350	135 X 125 X 115	CITOARC 303 / 403	AUX3507
0 – 230 – 400		350	135 X 125 X 115	SUPPLY 230V COOLERS	AUX3508
0 - 230 - 400	0 – 42	350	135 X 125 X 115	SUREWELD, CEA MIGS	AUX3509

ANY OTHER VOLTAGE AUXILIARY TRANSFORMERS ARE AVAILABLE ON REQUEST.
WE CAN EVEN WIND SPECIALS FOR SAME DAY DESPATCH IF REQUIRED.

HEAVY DUTY STEP UP OR STEP DOWN TRANSFORMERS IN A CABINET. PLEASE RING WITH YOUR REQUIREMENTS

REPLACEMENT MAIN TRANSFORMERS & CHOKES. *EXTENDED RANGE*

MIG TRANSFORMERS C/W SWITCHES FITTED.		SIZE L W H	PART No.
1. 180A, 1~, MIG TRANSFORMER WITH 6 VOLTAGE STEPS.	20% DUTY CYCLE @ 180A.	180 X 140 X 160	TRAN181
2. 200A, 1~, MIG TRANSFORMER WITH 8 VOLTAGE STEPS.	35% DUTY CYCLE @ 200A.	180 X 160 X 160	TRAN201
3. 250A, 1~, MIG TRANSFORMER WITH 8 VOLTAGE STEPS.	35% DUTY CYCLE @ 250A.	250 X 140 X 180	TRAN251
4. 250A, 3~, MIG TRANSFORMER WITH 7 VOLTAGE STEPS.	35% DUTY CYCLE @ 250A	300 X 120 X 260	TRAN2537
5. 250A, 3~, MIG TRANSFORMER WITH 10 VOLTAGE STEPS.	35% DUTY CYCLE @ 250A	300 X 120 X 260	TRAN25310
4. 300A, 3~, MIG TRANSFORMER WITH 16 VOLTAGE STEPS.	60% DUTY CYCLE @ 300A	390 X 160 X 290	TRAN303
5. 350A, 3~, MIG TRANSFORMER WITH 32 VOLTAGE STEPS.	60% DUTY CYCLE @ 350A	390 X 170 X 290	TRAN353
6. 400A, 3~, MIG TRANSFORMER WITH 32 VOLTAGE STEPS.	60% DUTY CYCLE @ 400A	390 X 170 X 290	TRAN403
7. 450A, 3~, MIG TRANSFORMER WITH 32 VOLTAGE STEPS.	60% DUTY CYCLE @ 450A	420 X 180 X 290	TRAN453
8. 500A, 3~, MIG TRANSFORMER WITH 32 VOLTAGE STEPS.	60% DUTY CYCLE @ 500A	430 X 180 X 290	TRAN503
9. 200A MIG CHOKE, 35% DUTY CYCLE.	(ONE TAPPING)		INDT200
10. 300A MIG CHOKE, 60% DUTY CYCLE.	(ONE TAPPING)		INDT300
11. 400A MIG CHOKE, 60% DUTY CYCLE.	(TWO TAPPINGS)		INDT400
12. 500A MIG CHOKE, 60% DUTY CYCLE.	(TWO TAPPINGS)		INDT500
13. CEBORA PROF 50 PLASMA TRANSFORMER REPLACEMENT			TRAN50P

The above MIG transformers all have switches fitted to reduce fitting time in the machine and to guarantee a working machine at the end of the job. Prior to ordering any main transformer please check exact specs with our engineers to prevent any compatibility issues occurring. All ratings are with fan cooling & good airflow across coils. In harsh environments all switches must be protected from dust etc, bagging the switch is the best way.

THESE ARE ONLY A SMALL SELECTION OF WHAT WE CAN OFFER. PLEASE RING FOR PRICES ON ANY TRANSFORMER OR CHOKE REPLACEMENT,

TRANSFORMER REWINDS

We rewind nearly all types & sizes of transformer, a professional job at the best possible price.

VARIABLE TRANSFORMERS (VARIAC) FOR WIRE FEED UNITS

VOLTAGE	AMPS	PART No.
42V AC	4 A	VAR4200
110V AC	1.4 A	VAR1100

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METERS, SHUNTS & CALIBRATION SERVICES

INDUSTRIAL ANALOGUE PANEL METERS DIN 72 (72mm square - 68mm x 68mm cut out) - (MOVING COIL)

AMPS / VOLTS READING	SHUNT VOLTS	PART No.
0 - 60 VOLT DC	N/A	MET60V
0 - 100 VOLT DC	N/A	MET100V
0 - 300 AMP DC	60mV	MET300A
0 - 400 AMP DC	60mV	MET400A
0 - 500 AMP DC	60mV	MET500A
0 - 600 AMP DC	60mV	MET600A
0 - 1000 AMP DC	60mV	MET1000A
0 - 1500 AMP DC	60mV	MET1500A

NEW

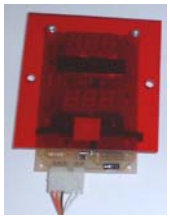
0 – 400 AMP AC	MET400AC	(FOR USE WITH CURRENT TRANSFORMER)
400A AC CURRENT TRAN	METTRAN	

AMPMETERS + SCALES CAN BE BOUGHT SEPARATELY

READING	PART No
AMPMETER ONLY	MET000A
SCALES	SC____A

PLEASE FILL IN THE REST OF THE PART No. WITH THE SCALE AMPERAGE REQUIRED. (300, 400, 500, 600, 1000, OR 1500)

DIGITAL PANEL METERS + METER KITS. Suitable for all machines



These are amps and volts L.E.D. display PCBs & kits which will calibrate to almost any shunt.
The panel meters come with wiring information, & connector.
The meter kits are as the panel meters, but come already wired up in a loom complete with transformer, which enables you to run the meter off 110v or 230v (as standard). The advantages of these digital meters over conventional analogue meters include; a longer life span, (no sticking needles, etc.), not susceptible to grinding dust, more accurate readings which are displayed clearer and can be read from greater distances, and in kit form, they are extremely easy to fit. There are different versions available, a dual amps & volts display, a single display which you can switch between amps and volts & AC DC switchable versions. The displays are mounted onto the front lenses which are 3mm thick for strength, the kits mount with 2 screws from the front lenses onto the front panel of the machine. The front lenses are large enough to cover most cut outs both round and square up to 76mm, making a professional job of replacing old meters.

Size of lenses — Single display 95mm x 95mm — Dual display 98 x 120mm

TYPE	DISPLAY	PART No.
DIGITAL PANEL METER ONLY	SINGLE DISPLAY DC AMPS & VOLTS (SWITCHABLE)	DPM100
DIGITAL PANEL METER ONLY	DUAL DISPLAY DC AMPS + VOLTS	DPM200
DIGITAL METER KIT	DUAL DISPLAY DC AMPS + VOLTS	DPM200K
DIGITAL METER KIT	SINGLE DISPLAY DC AMPS & VOLTS. (SWITCHABLE)	DPM100K
DIGITAL METER KIT	SINGLE DISPLAY AC/DC AMPS	DPM103K
DIGITAL METER KIT	SINGLE DISPLAY AC/DC VOLTS	DPM104K
A + V DIGITAL METER KIT FOR OERLIKON F32/F34/M308C, WEST, KAMANCHI MACHINES		DPMF3234

Other shunts & meters available on request

SHUNTS - Shunts for above ammeters or as replacements.

AMPERAGE	SHUNT VOLTAGE	PART No.
400A	60mV CALIBRATED	SH40060
600A	60mV CALIBRATED	SH60060
1000A	60mV CALIBRATED	SH100060

CALIBRATION SERVICES – *Traceable to National Standards laboratories*

TYPE	Recommended freq	Part No.
STERLING VALIDATOR RECALIBRATION	6 MONTHS	CAL001
STERLING VALIDATOR C/W TACO RECALIBRATION	6 MONTHS	CAL002
TECHNICAL ARC CALIBRATOR	6 MONTHS	CAL003
TECHNICAL ARC CALIBRATOR C/W TACO	6 MONTHS	CAL004
STERLING CALIMETER - VARIOUS	6 MONTHS	CAL005
TECHNICAL ARC ANALOGUE METER BOX - VARIOUS	12 MONTHS	CAL006
TECHNICAL ARC CALIBOX - VARIOUS	12 MONTHS	CAL007

WE OFFER A REPAIR SERVICE ON MOST TEST EQUIPMENT INCLUDING, STERLING VALIDATOR, ANALOGUE AND DIGITAL METER BOXES, MULTIMETERS, CLAMPMETERS, INSULATION TESTERS, TACOMETERS, ETC.

Calibration equipment available; calibox`s, meterbox`s, meters, load banks, see page 1.

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MISCELLANEOUS SPARES

CAPACITORS

OUTPUT SMOOTHING CAP	10000 uF 40V. FOR USE IN SINGLE PHASE MIGS HIGH RIPPLE CURRENT RATING. Approx 110MM X 35MM	CAP1000040
OUTPUT SMOOTHING CAP	15000 uF 50V. FOR USE IN SINGLE PHASE MIGS HIGH RIPPLE CURRENT RATING. Approx 90MM X 50MM)	CAP1500063
OUTPUT SMOOTHING CAP	22000 uF 50/63V. FOR USE IN SINGLE PHASE MIGS HIGH RIPPLE CURRENT RATING. Approx 110MM X 50MM	CAP2200063
OUTPUT SMOOTHING CAP	47000 uF 50V. FOR USE IN SINGLE PHASE MIGS VERY HIGH RIPPLE CURRENT RATING. Approx 110MM X 52MM	CAP4700050

We can manufacture complete capacitor banks on request

POWER FACTOR CORRECTION + MOTOR RUN CAPACITORS.	2 uF 400/450V	D= 25mm L= 75mm	CAP02400
	3 uF 400/450V	D= 25mm L= 75mm	CAP03400
	4 uF 400/450V	D= 28mm L= 70mm	CAP04400
	5 uF 400/450V	D= 30mm L= 72mm	CAP05400
	10 uF 400/450V	D= 35mm L= 75mm	CAP10400
	15 uF 400/450V	D= 35mm L= 85mm	CAP15400
	20 uF 400/450V	D= 40mm L= 80mm	CAP20400
	30 uF 400/450V	D= 40mm L= 110mm	CAP30400
	40 uF 400/450V	D= 45mm L= 115mm	CAP40400
	50 uF 400/450V	D= 50mm L= 115mm	CAP50400
	60 uF 400/450V	D= 50mm L= 135mm	CAP60400
NEW	100 uF 400/450V	D= 60mm L= 135mm	CAP100400

All power factor capacitors have M8 fixing at the bottom

GENERATOR CAPACITOR BANKS (3 x Capacitors)	60uF 550V	used in mosa, genset, and various other welder generators	CAP60550
	70uF 550V		CAP70550
	80uF 550V		CAP80550

HF CAPACITOR	SUITABLE REPLACEMENT FOR BOC, CEBORA, ESAB, MIGATRONIC, MILLER, MUREX, SAF, ETC. C/W MOUNTING CLIPS + CONNECTING INFO. D= 50mm L= 26mm	CAP4000HF

RESISTORS AND POTENTIOMETERS

POWER RESISTORS
PLEASE PHONE FOR PRICES

WE STOCK VARIOUS POWER RESISTORS WHICH CAN BE USED IN MANY TYPES OF PLASMA MACHINES FOR PILOT ARC, OR FOR TIG MACHINES FOR BACKGROUND CURRENT CIRCUITS. SPECIALS CAN ALSO BE MADE.

POTENTIOMETERS (quality 24mm dia carbon pots with 6mm shaft)		PART No.
	1K ohm	RES1K
	4K7 ohm	RES4K7
	10K ohm	RES10K
	22K ohm	RES22K
	47K ohm	RES47K
	100K ohm	RES100K
	220K ohm	RES220K
	470K ohm	RES470K
	1M ohm	RES1M
BLACK CONTROL KNOBS TO SUIT POTENTIOMETERS	19MM diameter	RESKN19
	35MM diameter	RESKN35

WHEELS AND CASTERS

TYPE	WHEEL SIZE	OVERALL HEIGHT	APPLICATION	MOUNTING	PART No.
SWIVEL CASTER	50MM	70MM	WIRE FEEDERS	SINGLE BOLT	WHE001
SWIVEL CASTER	75MM	115MM	SMALL COMPACT M/CS	SINGLE BOLT	WHE002
SWIVEL CASTER	100MM	125MM	POWERSOURCES	4 BOLTS	WHE003
SWIVEL CASTER	120MM	150MM	POWERSOURCES	4 BOLTS	WHE004
FIXED CASTER	100MM	125MM	POWERSOURCES	4 BOLTS	WHE008
WHEEL	8 IN	8 IN	POWERSOURCES	20MM BORE	WHE005
WHEEL	10 IN	10 IN	POWERSOURCES	25.4MM BORE	WHE006
WHEEL	12 IN	12IN	POWERSOURCES	25.4MM BORE	WHE007

Note item WHE008 caster is fixed so cannot steer & is used on the rear of machines.

TECHNICAL SERVICES

INVERTER REPAIRS

We offer a repair service for most inverters. Due to the complexity of most inverters, we often require the full machine to repair any of the circuit boards inside. A quote for the repair will be given before any work is carried out. *If the customer does not want the machine repairing there is a small charge (small MMA & TIG & PLASMA inverters) to cover estimate time and carriage costs. This increases for complex or large machines. We can organize collection & delivery to anywhere in the UK & Ireland, this is charged at our cost price only.*

MACHINE REPAIRS

We will attempt to repair any problem machines, (MIG, TIG, PLASMA, PLASMA WELDING MACHINES, MULTIPROCESS MACHINES, ETC.). We have vast amount of stock available for spares, & if we don't have it in stock we can probably make it or offer an alternative.
We offer a fast and reliable service, and we can also organize collection and delivery of any machine from almost anywhere.

RECTIFIER REPAIRS

WE CAN ALSO LOAD TEST DIODE & THYRISTOR RECTIFIERS

We offer a repair service to most press-fit diode type rectifiers, and thyristor controlled rectifiers, notably Migatronic, Portamig, Miller, Genset, Esab, Mosa, We guarantee the work done for six months.
We also manufacture complete rectifier stacks to suit any machine - prices on request.
SEE PAGE 37 FOR READY MADE COST EFFECTIVE RECTIFIERS

TRANSFORMER AND INDUCTOR REPAIRS

Transformers are one of our specialties we can make almost any transformer from small auxiliary transformers to large 3 ~ welding transformers. We can rewind most transformers & inductors even ones with a welded up core.
If any transformer is beyond repair we can design and wind a new one to replace it at very economical prices.
All rewound coils and new transformers are covered under warranty for one year.
SEE PAGE 43 FOR OUR STANDARD TRANSFORMER RANGE

SERVICE ENGINEER TRAINING COURSES *FAST TRACK*

We now offer a fast track engineer training course to three different grades.
Grade 1 –Basic grade, this is ideal for new trainee technicians / engineers & sales staff. This is aimed at those with very little knowledge of the workings of welding machines, who would like to be able to carry out basic faultfinding, repairs & servicing on mig & tig machines. Ideally the technician should have some basic understanding of electrical principles but we can tailor the training to suit abilities. We will cover the following subjects; electrical safety & electrical testing for safety, the principles & workings, faultfinding & repairs to basic mig & tig machines. We aim to offer a 'hands on' approach possible with examples on actual equipment. We will provide notes and information to take away to provide long term help. The course will be for 1 or 2 days depending on ability. We can advise on the phone if 1 or 2 days will be needed.

Grade 2 –Standard grade, this is ideal for those with a basic working knowledge of conventional welding machines. We include training to more in depth levels on mig tig & plasma machines. We cover the following, faultfinding & repair, calibration & validation, electrical safety & testing for electrical safety. We include hands on experience with tips & technical notes to take away. The engineer will be able to fault find & repair to a good standard when grade 2 is achieved. The course will be for 1 or 2 days depending on ability. We can advise on the phone if 1 or 2 days will be needed.

Grade 3 – Advanced grade, only for competent engineers who want to further their abilities through to faultfinding & repairs on inverter based machines, synergic migs, & complex tig machines including some electronics. Again we provide hands on teaching as well as technical notes & tips. This is the ultimate level to reach, at this level the engineer will be confident to work on a wide range of conventional & complex machines.
The course should only be for 1 or 2 days.

For health & safety reasons anyone working on electrical machines must be 'competent'. Completing our training courses shows a level of competency which should satisfy the Health & Safety Executive.
When any course is completed we issue a certificate showing the grade achieved

Massive range of our British made TECARC & OXFORD welding machines also available!
If you are interested in becoming a TECARC or OXFORD distributor please contact us.

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E: sales@technicalarc.co.uk or service@technicalarc.co.uk

PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
A.A. WELDING	SAFE T WELD PCB AA115	PCBAA01
STERLING	ECCONOFEED B PCB No: AA112	PCBAA02
	ECCONOFEED PCB NO: 21.6 (EARLY PCB)	PCBAA06
	ECCONOFEED PCB NO: MK 3.4	PCBAA07
	SMALL MIG PCB No: AA133	PCBAA11
	161/201/251 MIG PCB No: AA113	PCBAA09
	THYMIG PCB No:AA117B	PCBAA05
	THYARC 250 / DC400 PCB No: AA117	PCBAA04
	SHF MAIN CONTROL PCB	PCBAA08
	UNISLOPE CONTROL PCB No:AA109	PCBAA10
	STERLING VALIDATOR CONTROL PANEL	PCBAA12
AGA	RADE KONCAR 160/235/420 SINGLE RELAY (207.134.013)	PCBAGA01
	RADE KONCAR 160/235/350/420 DOUBLE RELAY (207.134.013A)	PCBAGA02
	RADE KONCAR 160/235/350/420 WITH TIMER (201.134.014)	PCBAGA03
	200 MOTOR PCB	PCBAGA04
	200 TIMER PCB	PCBAGA05
	MK144A PCB	PCBAGA06
	MOTOR CONTROL PCB MK120	PCBAGA16
	WIRE FEED UNIT CW 6C PCB	PCBAGA10
	RADE KONCAR MIGWELD 350/450 PCB	PCBAGA15
	MIG 200B, CW6B PCB'S	PCBAGA12
	RADE KONCAR PCB No: R.K.-048A (CW33-2) MOTOR PCB	PCBAGA13
	RADE KONCAR 030 TIG CONTROL PCB	PCBAGA07
	R300 CURRENT PCB No: MK130	PCBAGA08
	R300 MAIN PHASE CONTROL PCB No: MK129A	PCBAGA09
	GM 300 POWERSOURCE PCB	PCBAGA11
	AC / DC 302 CONTROL PCB No: 207224019	PCBESA17
	AC / DC 302 THY. DRIVE PCB No: 207224015 / 207134189	PCBESA18
	AC / DC 302 TURN OFF PCB No: 207224016	PCBESA19
	AC / DC 302 OVER VOLTAGE PCB No: 204001	PCBESA20
ARCGEN	330SD THYRISTOR CONTROL MODULE (POTTED MODULE) No: SC-1640A	PCBAGN01
	330SD AUTO IDLE PCB	PCB AGN02
	ACR 270 / 300 CURRENT CONTROL PCB No: ACR-W3 / ACR –W4	PCBARG03
ARCTEC	PSF 2 SPEED CONTROL PCB No: UKA0056	PCBARC01
	PSF 2 RELAY PCB No:UKA0066	PCBARC02
	UKA0041 PCB	PCBARC03
	UKA0056 / 66 MIG PCB	PCBARC04
	ARCTEC MIG PCB (UKA0067)	PCBARC07
	MIG PCB No: RE268	PCBARC05
	ARCTEC BURNBACK PCB	PCBARC06
	ARCTEC TIG THY. CONTROL PCB (UKA0060 / PC525)	PCBARC08
ARO	ARO MIG 2 CONTROL PCB	PCBARO01
BESTER MIG	MIG CONTROL PCB (UC43)	PCBBES01
	PDE41 W.F.U PCB No: US41A	PCBBES02
	MIG CONTROL PCB No: US41S	PCBBES03
	MIG CONTROL PCB No: US 43	PCBBES04
	MIG CONTROL PCB No: US45S	PCBBES05
	MIG CONTROL PCB No: US51S	PCBBES06
BLACKHAWK	MIG PCB No: 5101-A	PCBBLA01
	WEL 1022 SPOT WELDER PCB	PCBBLA02
	WEL 160 / 161 PCB	PCBBLA03
	BLACKHAWK CONTROL MODULE	PCBBLA04
BOC	AUTOLYNX 2 VOLTAGE PCB	PCBBOC01
	AUTOLYNX 2 LOGIC PCB	PCBBOC02
	AUTOLYNX 2 MOTOR PCB	PCBBOC03
	LYNX 2E GOVERNOR PCB	PCBBOC16
	LYNX 2E SWITCHING PCB	PCBBOC17
	LYNXPACK 200	PCBBOC11
	TRANSMIG - SMR ETC BURNBACK PCB	PCBBOC04
	TRANSMIG - 140/180/240 PCB	PCBBOC05
	T/F & T/M COMPLETE CONTROL BOX 2.0 S	PCBBOC07
	T/F & T/M COMPLETE CONTROL BOX 2.0 SL	PCBBOC08
	TRANSMATIC 3.2S PCB No:RE072	PCBBOC09
	TRADESMAN DC130 PCB	PCBBOC06
	DC 180 TIG HF PCB	PCBBOC10
	TRANSTIG DC 250 THY CONTROL PCB	PCBBOC15
	DC 404 PCB	PCBBOC13
	THF150L CM307 MOD & CM312 MOD	PCBBOC12
	STARFIRE 180 HF AND CONTROL PCB	PCBBOC20
	SQUAREWAVE AC-DC 350 PCB	PCBBOC14
	TRANSTIG AC - DC 250 PCB No: 1410024	PCBBOC18
	BOC IMP CUTTER PCB	PCBBOC19
BOROMIG	MIG 330 CONTROL BOX PCB No: BCE250	PCBBOR01
	BCE24M (PCB only not full box)	PCBBOR02
	BCE36 PCB(PCB only not full box)	PCBBOR03
BUTTERS /	PROFEED PCB (EARLY VERSION)	PCBBUT12
BRITWELD	MIG PCB No: AS1201M (PROFEED LATER VERSION)	PCBBUT17
	MIG PCB No: AS0708 (LIKE PROFEED)	PCBBUT02
	MERLYN PCB No: AS1203	PCBBUT23
	OTTER PCB No: ISKRA	PCBBUT26

PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
BUTTERS / BRITWELD	OTTER M/M180 PROFFIMIG PCB (S1000A03 / MS10-1D)	PCBBUT31
	602 CONTROL MOD	PCBBUT04
	824 MOD	PCBBUT09
	835 MODULE	PCBBUT13
	838 CONTROL MODULE (MK30 BOX)	PCBBUT14
	902 CONTROL MODULE	PCBBUT15
	LUNCHBOX TYPE W.F.U. PCB	PCBBUT24
	MK2 / MK3 W.F.U. PCB (PCB ONLY)	PCBBUT25
	MK3 CONTROL BOX COMPLETE	PCBBUT32
	NBC MIG CONTROL BOX PCB No:2001B	PCBBUT11
	BR 800 W.F.U. PCB No: P0800	PCBBUT21
	MICROMIG PCB No: 81C	PCBBUT19
	P800 MK4 PCB	PCBBUT16
	AUTOWELD 165 ETC - 20 PIN	PCBBUT10
	AW303 PCB No: ELO840 ISS. 3	PCBBUT34
	280 / 380 MIG PCB No: MM160 682778	PCBBUT35
	BUTTER 211 MIG PCB No: RE414B	PCBBUT36
	BUTTERS MIG PCB No: VAR-05R	PCBBUT37
	DUAL DISPLAY MODULE No: AVM-401	PCBBUT33
	DC 130 PCB	PCBBUT05
	DC 150 PCB	PCBBUT06
	DC 150 HF BOX ELECTRONIC	PCBBUT07
	DC 180 PCB	PCBBUT08
	DC 400	PCBBUT22
	MULTITIG AC - DC 150 PCB	PCBBUT20
	AUTOTIG 160 AC -DC PCB	PCBBUT01
	AC-DC 250/160 HF BOX	PCBBUT28
	AC-DC 250/400 FRONT PANEL PCB (9000 SERIES)	PCBBUT29
	AC-DC 250/400 MAIN PCB 9000 SERIES (REQUIRE FRONT PCB)	PCBBUT30
	AS1200M PLASMA PCB	PCBBUT18
	AS0108 PLASMA PCB	PCBBUT03
	AUTOCUT 45 - 80 PLASMA PCB	PCBBUT27
CAMARC	2S ETC. FEED UNIT CONTROL BOX	PCBCAM01
	COMPACT MIG SPEED CONTROL PCB	PCBCAM02
CEBORA	POCKET MIG / TURBO 130	PCBCEB01
	160/180A MIG PCB (C/W TIMER) PCB No:845	PCBCEB02
	MIG 240 PCB No:5600849B	PCBCEB03
	802 / 812 / 816 / 820 MIG PCB No:805 (OLD TYPE)	PCBCEB04
	816 MIG PCB	PCBCEB05
	4 ROLL DRIVE W.F.U PCB No:5.600.939	PCBCEB06
	260E MIG PCB No: 866	PCBCEB07
	521 / 523 / 524 / 525 / 526 / 527 / 528 MIG PCB No: 5600940	PCBCEB08
	838 AUTOSTAR 180 MIG PCB No: 5600923	PCBCEB09
	802 CONTROL MODULE	PCBCEB10
	JAGUAR PCB	PCBCEB11
	APPOLLO 215 MIG PCB No. 5600789	PCBCEB12
	STAG 196 MIG PCB No: 5600775	PCBCEB13
	SMALL MIG PCB No: 5600977	PCBCEB14
	BOXER 195 MIG PCB No: 5600925	PCBCEB30
	BOXER 185 PCB No: 5600785	PCBCEB44
	GTF4 MIG PCB No. 5600939	PCBCEB31
	TFA4 PCB No: 5600776	PCBCEB32
	TIG STAR 150 C/W LATCH, SLOPE, REMOTE PCB No:5600867 / 5600889	PCBCEB16
	TIG STAR 150 HF PCB No: 866 / 998	PCBCEB42
	POCKET PULSE 100 TIG CONTROL PCB No:873	PCBCEB17
	POCKET PULSE 100 BACKGROUND PCB	PCBCEB43
	DC 130 PCB	PCBCEB19
	AC-DC 160 / 250 THY. CONTROL PCB No:RE112E	PCBCEB18
	TIGSTAR 250 FRONT PANEL CONTROL PCB No: 5600893	PCBCEB47
	TIG 16P MAIN PCB No. 5600930	PCBCEB33
	TIG 16P HF START AND CONTROL PCB No: 5600926B	PCBCEB48
	SNAPON AUTOCUT 25 PLASMA PCB	PCBCEB20
	PLASMA CAR 30	PCBCEB21
	PLASMA 30 PCB No: 894 - 95	PCBCEB22
	PLASMA PROF 37 PCB No: 5602146 / 3210246LS	PCBCEB46
	PLASMA PROF 50 PCB No: 896	PCBCEB23
	PLASMA PROF 52 / 35 PCB No:5600960	PCBCEB24
	PLASMA PROF 70 / 92 THY. CONTROL PCB No. 5600934I / 3210088	PCBCEB34
	PLASMA PROF 70 / 92 LOGIC CONTROL PCB No: 5600933B	PCBCEB35
	PLASMA PROF 70 / 92 HF PCB No: 5600898	PCBCEB49
	PLASMA PROF 70 / 92 OCV MONITORING PCB No: 5600937	PCBCEB50
	PLASMA PROF 70 / 92 FRONT PCB No. 5600987	PCBCEB36
	PLASMA PROF 80 HF PCB No: 3210251	PCBCEB51
	PLASMA 90 CONTROL PCB	PCBCEB25
	PLASMA PROF 120 RELAY PCB No: 847	PCBCEB26
	PLASMA PROF 122 MAIN PCB	PCBCEB27
	PLASMA PROF 122 IGBT DRIVE PCB	PCBCEB28
	PLASMA PROF 122 HF PCB	PCBCEB29
	PLASMA PROF 162 HF PCB No: 3210173	PCBCEB53
	PLASMA PROF HF PCB No. 5600846 (846)	PCBCEB38
	PLASMA PROF CONTROL & HF PCB No: 5602170 / 3210262	PCBCEB39

PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
CEBORA	POWER PLASMA 3000 HF PCB No: 5602074/B	PCBCEB40
	ABOVE PCB BUT WITHHV TRANSFORMER REWOUND	PCBCEB41
	PLASMA CONTROL PCB No: TESAX 804B	PCBCEB52
	SPOT WELDER CONTROL PCB No: 112433	PCBCEB45
	SPOT WELDER PCB No: TESAX837	PCBCEB54
CEA	140A PLASMA PCB	PCBCEA01
	TR4 W.F.U FRONT PANEL PCB No: FA013220	PCBCEA02
	VARIOUS PCB'S SEE SUREWELD	
CEM	PLASMA HF PCB AF2	PCBCEM01
	PLASMA CONTROL PCB PL7	PCBCEM02
	PLASMA CONTROL PCB PL15	PCBCEM03
	PLASMA CONTROL PCB PL23	PCBCEM04
	MIG PCB No: CO2G	PCBCEM05
	W.F.U PCB No: CS263	PCBCEM06
	232T / UTF 2.31/2.13 PCB No: (CS310 / RE267)	PCBCEM07
	PROMIG 170 TURBO PCB No: 800004162	PCBCEM08
	MIG PCB No: CO2F	PCBCEM09
	MIG PCB No: C02H	PCBCEM10
	TL5A MIG PCB	PCBCEM11
	TL58A MIG PCB	PCBCEM12
	170A MIG PCB No: R4 - B	PCBCEM13
	RE065B PCB	PCBCEM14
	CEMIG 230TX PCB No: R25	PCBCEM16
	BLUMIG 300 / TF300 W.F.U. PCB No: CE22646 / CS22912	PCBCEM17
	TX150 HF PCB No: HF210	PCBCEM15
CITOARC	SEE OERLIKON PCB REPAIR PRICES	
CLARK	PLASMA E PCB No: 10787. / 177042	PCBCLA01
	130 MIG PCB No: E1285.4	PCBCLA02
	MIG PCB No: E1289 / E1389	PCBCLA03
	MIG PCB No: E0685	PCBCLA04
	MIG PCB No: E1489.1	PCBCLA05
	MIG PCB Np: E1292 177254	PCBCLA06
	MIG PCB No: E0788.3	PCBCLA07
	MIG PCB No: E0795	PCBCLA08
COMAG	205 MIG PCB No: RE152B	PCBCOM01
COMMERCY	2600 / 3600 / 4600 MIG PCB	PCBCMY01
	CYTIG 410 / 510 PCB	PCBCMY02
	CYTIG PCB No. 40124676	PCBCMY03
CLOUS	CK166N/2 MIG PCB No: 033242600	PCBCLO01
	MIG LOGIC CONTROL PCB No: 033241800 / 033242100	PCBCLO03
	MIG MOTOR CONTROL PCB No: 033331700	PCBCLO04
	HS700K GAS / NOZZLE SENSOR PCB No: 033.24.83.00	PCBCLO02
CUTLASS	CLIPPER STUD WELDER PCB	PCBCUT01
DECA MIG	DECA MIG CONTROL PCB	PCBDEC01
	DECA MIG 530 PCB No: 665031A (WF0.5)	PCBDEC02
	DECA MIG 418SL CONTROL PCB	PCBDEC03
	DECA MIG PLASMA 40 / 50 CONTROL PCB No: 665045	PCBDEC04
	DECAPAC 50 PLASMA CONTROL PCB No: 665026	PCBDEC05
ELAND	MIG PCB No: W10M-4	PCBELA01
ELLANDMIG	160 / 200 PCB	PCBELL01
	DC 130 PCB	PCBELL02
ELECTRA-BECKEM	MIG CONTROL PCB No:01602484-2	PCBELE01
	MIG PCB No: 8106004928	PCBELE03
	MIG PCB No: 8106097276	PCBELE05
	HWS 160 / 210 MIG PCB No. HEPLI GDI / 193742	PCBELE04
	MIG PCB No: 8106600695	PCBELE06
	280WP PLASMA PCB No: PLS5-6	PCBELE02
ERFI	DIGIFEED 4.10 DF4	PCBERF01
	BIG TOP PCB	PCBERF02
	TURBO 2500 PCB No: T1286V3.3	PCBERF03
	MIG PCB No: T8 / 85 V4.2	PCBERF04
	MIG CONTROL PCB No:T1286	PCBERF05
	MIG PCB No: T5-95-V3	PCBERF07
	PS80 PLASMA PCB No: EPS ST2.2	PCBERF06
ESAB	125 / 160 / 250k PCB	PCBESA01
	A10 MVC 30 PCB No: 153002-001	PCBESA02
	A10 MVC 30 WITH TIMER PCB No: 153 006 - 001	PCBESA03
	MEB 20 PCB	PCBESA04
	MEC 30 & 44 STD PCB No:341056880	PCBESA05
	MEC 30 & 44 OPTOMATIC PCB No: 3411 33-880	PCBESA06
	MED 20 & 30 STD PCB No: 481111-001B	PCBESA07
	MED 44 SYNERGIC PCB No. 341408/9 880	PCBESA39
	MEE 30 PUSH PULL PCB	PCBESA08
	MEH 30 / 44 PCB	PCBESA09
	MTB 44 W.F PCB	PCBESA25
	MEK 2 PCB	PCBESA36

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PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
	ADD EX TO PART No. FOR SERVICE EXCHANGE PCB`S IF NO SERVICE EX PRICE WE HAVE NO STOCK	
ESAB	MEK 4 DIGITAL METER PCB No: 486212880	PCBESA53
	ORIGO-FEED 30-4 PCB No: 487253 / 487254	PCBESA54
	PEG 1 CONTROL BOX (MINIMUM CHARGE)	PCBESA21
	A6 MOTOR PCB (early version with two aluminum plates	PCBESA48
	A6 MOTOR PCB (later version)	PCBESA49
	LAW 400 / 400T / 500 / 500T PCB No: 486480881/4	PCBESA38
	DC 630 / 800 THY. PCB	PCBESA14
	LAD 1400 PCB	PCBESA50
	LAD 2000 THY. CONTROL PCB No: 319 002	PCBESA51
	LAD 2000 POWER SUPPLY PCB No: 317 401	PCBESA57
	LAH 500 THY. PCB	PCBESA15
	LAH 500 REG PCB (THY PCB REQUIRED)	PCBESA16
	LAH 500 OLD STYLE THY. CONTROL PCB No. 319043-880	PCBESA40
	LAR POWERSOURCE PCB No. 481593884	PCBESA41
	TRANSMIG 505 THY PCB No:675296 / 675346	PCBESA22
	SPEEDER 315 COMPACT / SMASHWELD MK2 PCB	PCBESA10
	SMASHWELD 180 MK1 PCB No:341577880	PCBESA11
	POWER COMPACT 250 W22E PCB	PCBESA18
	POWER COMPACT 400 W26 / W28 PCB	PCBESA19
	POWER COMPACT PCB No: 481979	PCBESA20
	LKA 180 / 240 PCB No: 486158-0014	PCBESA34
	LKB 265 / 320 PCB	PCBESA35
	LKC-32 PCB	PCBESA56
	LHD 400 + 630 - 3 PCB'S (PRICE FOR EACH PCB)	PCBESA24
	LTD 200 - VARIOUS PCBS	PCBESA26
	LTG 250 PCB	PCBESA17
	LHF 250 / 400 THY. PCB	PCBESA31
	LHH 250 - 400 PCB	PCBESA27
	TIGMA 150 DC CURRENT PCB	PCBESA32
	TIGMA 150 DC LOGIC PCB	PCBESA33
	TIGMA 160 DC PCB No: 1270591 / 1 442 499	PCBESA55
	HANDY LHK130 THY. CONTROL PCB No. 347125-881	PCBESA42
	ARISTO TIG LTG 200 MAIN PCB No. 481863-001BK (REQUIRE MACHINE)	PCBESA45
	DTA200 REG PCB	PCBESA12
	DTA200 SLOPE & HF PCB	PCBESA13
	DTA300 CONTROL PCB No: 207224019	PCBESA58
	DTA300 THY. DRIVE PCB No: 207224015 / 207134189	PCBESA59
	DTA300 TURN OFF PCB No: 207224016	PCBESA60
	DTA300 OVER VOLTAGE PCB No: 204001	PCBESA61
	DTB 275 / 375 MAIN CONTROL PCB	PCBESA28
	DTB 275 / 375 SLOPE PCB	PCBESA29
	DTB 275 / 375 INTERFACE PCB	PCBESA30
	AC - DC 255 / 355 THY PCB	PCBESA23
	HELIARC 252 / 352 AC/DC TIG MAIN PCB No. 380901497	PCBESA43
	HELIARC 252 / 352 AC/DC TIG SLOPE PCB No: 38080	PCBESA44
	TIG AID 315 AC/DC MAIN PCB No. 341382-001B	PCBESA46
	TIG AID 315 AC/DC HF PCB	PCBESA47
	HANDY PLASMA 50 HF PCB No: HFUNIV / 3074120105	PCBESA52
ESS	UNIARC 5 PCB	PCBESS01
	FE11-4 & FE11-5 PCB	PCBESS02
	PS12-9 CONTROL BOX	PCBESS03
	FE15-2 CONTROL PCB	PCBESS04
	PLASMA 40 / 80 PCB No: PL1	PCBESS05
	PLASMA PCB No: PL2 - 1	PCBESS06
ESSTTI	SEE OERLIKON PCB REPAIR PRICES	
EUROFEED	EUROFEED PCB	PCBEUR01
EUTECTIC	CASTOTIG 150 RELAY PCB No: 1441281 / 1270213	PCBEUT01
	CASTOTIG SMALL RELAY PCB	PCBEUT02
	CASTOTIG CONTROL PCB	PCBEUT03
	RYTMARC CONTROL PCB No: 4.070149	PCBEUT04
	REMOTE RA2 PCB No: CFR4PA (4070.150A)	PCBEUT05
	DERBY 230 MIG PCB No: W10-4	PCBEUT06
	EUROBOY 20 MIG PCB No: S315 G18324	PCBEUT07
EUROTHERM	512C MOTOR DRIVE MODULE	PCBEUR01
FDB	JOLLY MIG CONTROL PCB	PCBFDB01
	ARGOFIL 310 WIRE FEED UNIT PCB	PCBFDB04
	ARGOFIL 410 PCB WITH 16 PIN + 11 PIN CONNECTOR	PCBFDB07
	ARGOFIL PCB No: 1300100104	PCBFDB08
	650 MIG CONTROL PCB	PCBFDB05
	MIG CONTROL PCB No: 13001097	PCBFDB09
	HF PCB No: 13001022	PCBFDB02
	PLASMA LOGIC PCB	PCBFDB03
	PLASMA RELAY PCB No. 13001024	PCBFDB06
FERROMATIC	300 W.F. CONTROL PCB	PCBFER01
FRO	SEE OERLIKON PCB REPAIR PRICES	
	DC TIG 160 PCB No: ES55	PCBFRO01
	FROTIG AC - DC 201 / 200 THY. CONTROL PCB No:ES25A	PCBFRO02

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PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
FRONIUS	W.F. PCB MRT1	PCBFRON01
	TR19 CONTROL BOX	PCBFRON10
	VARIO STAR 317 - MR 25 A PCB No: 4.055.293	PCBFRON02
	VARIO STAR 304 - MR 12 PCB No: 4.055.121	PCBFRON03
	GLT 450 / 650 FRONT PANEL PCB No: GLT STC 4.055.055	PCBFRON11
	SUPERWAVES TIGS AC - DC TIG CONTROL PCB	PCBFRON04
	SUPERWAVES TIGS AC - DC TIG REGULATOR PCB	PCBFRON05
	A010A CONTROL PCB No: 4.070.200B	PCBFRON06
	DTG 200 PCB No: 4.070.160	PCBFRON07
	RA2 REMOTE CFR4PA PCB No: 4070.150A	PCBFRON08
	MAGICWAVE AC/DC TIG HF PCB	PCBFRON09
GENSET	MPM 7 / 9 (250 / 350) MAIN PCB	PCBGEN01
	MPM 8 / 300, 12 / 400, 20 / 600 MAIN PCB No: P87112	PCBGEN02
	MPM 12 / 350 PCB No: GS9603/B	PCBGEN03
	MPM 8 / 400, 16 / 400 MAIN PCB No: GS9109	PCBGEN04
	MPM 8 / 300, 12 / 400 AMP / RELAY PCB No: GS9108	PCBGEN05
	MPM 10 / 400EL 350 MAIN PCB	PCBGEN06
	MPM 10 / 400EL 350 ACC. CONTROL PCB	PCBGEN07
	ENGINE MANAGEMENT PCB No: GS9110	PCBGEN08
	FUEL INDICATOR + ENGINE SHUTDOWN PCB No: GS9111A	PCBGEN09
	MPM 3 / 200 ENGINE CONTROL PCB	PCBGEN11
	AUTO IDLE PCB No: GS9813	PCBGEN12
	GENSET HF PCB No: GS9205	PCBGEN10
	RELAY PCB No: GS9710	PCBGEN13
	ENGINE OVER SPEED AND PROTECTION PCB No: GS9407	PCBGEN14
HIRRANE	HIRRANE SPOT WELDER PCB (EDGE CONNECTOR VERSION)	PCBHIR01
	HIRRANE SPOT WELDER PCB No: AS1005	PCBHIR02
	HIRRANE SOPT WELDER PCB No: AS1002	PCBHIR03
HI-TEC	HTT350AC/DC PCB No: 451.190.34C	PCBHIT01
HOBART	BETAMIG 250 / 320 / 410 CONTROL PCB	PCBHOB01
	BETAMIG PULSE TIMER PCB No: (WEMI) 41092	PCBHOB02
	RC 150 / CRC 303 / 180 U SHAPE BOX	PCBHOB03
	RC 650S PCB No: 405262 / 367937 - 1	PCBHOB04
	MEGA ARC PCB No: 369511 / 49123813	PCBHOB05
	MEGA FLEX PCB No: 367563B / 405126	PCBHOB31
	2410 W. F. U. PCB No: 407078 + 37665700	PCBHOB06
	2410 TIMER PCB No: 407050	PCBHOB29
	OLYMPIC 4H W.F.U. PCB No. US41A	PCBHOB30
	EXCEL ARC 750 CC / CV PCB No: 20420703 / 20420704	PCBHOB12
	FABSTAR 2620 / 4030 PCB No: 20390903	PCBHOB13
	W.F.U. LATCHING PCB No: 170988	PCBHOB14
	HOBART 300 PROGRAMMABLE (VARIOUS PCB'S)	PCBHOB17
	ULTRA WELD W.F.U. PCB (VARIOUS PCB'S)	PCBHOB18
	R - 400S PCB	PCBHOB19
	HEFTY MAIN CONTROL PCB	PCBHOB25
	MEGAFLEX 450 RVS PCB No: 369513A / 406023A	PCBHOB20
	TG200 CONTROL MODULE (PC1)	PCBHOB16
	TIG 165 CONTROL PCB	PCBHOB23
	TIG 165 HF PCB	PCBHOB24
	NIFTY 206 TIG PCB	PCBHOB26
	ULTRAWELD 160 HF PCB No. COD412721 10BL	PCBHOB28
	HELIARC 250HF PCB	PCBHOB22
	TIGWELD LOGIC PCB No: 675421	PCBHOB07
	TIGWELD THYRISTOR PCB No: 674975	PCBHOB08
	250 AC - DC SQUAREWAVE TIG THY PCB	PCBHOB11
	TIGWAVE AC/DC 250 PCB No: 203439A	PCBHOB09
	TIGWAVE AC/DC 350 MAIN PCB No. 204033B / 4795	PCBHOB27
	BETAWAVE (VARIOUS PCB'S)	PCBHOB21
	PXC035 /PXC060 PLASMA CONTROL PCB No. 509	PCBHOB15
HYPERTHERME	MAX 100D PLASMA CONTROL PCB No: 041113	PCBHYP01
	POWERMAX 800 / 900 / 1100 MAIN PCB No: MLC 94V-0 / 041538-F	PCBHYP02
	MAX 200 PLASMA CONTROL PCB	PCBHYP03
INE	W.F.U CONTROL PCB	PCBINE01
	COMPACT MIG PCB No: 0050500-3	PCBINE02
INTERLASS	TIGER MK1 & 2 GAS MODULE	PCBINT01
	TIGER MK 1 & 2 POWER SUPPLY MODULE	PCBINT02
JURA	JSA TIG 250 AC / DC	PCBJUR01
	JURA TIG 210	PCBJUR02
KAMANCHI	SMALL MIG PCB	PCBKAM01
	MIG PCB No: 22710030	PCBKAM02
	MIG PCB No: M702900	PCBKAM03
	PLATINUM 185 MIG CONTROL PCB No: MIG 01	PCBKAM04
K.B ELECTRONICS	W.F.U. MOTOR CONTROL PCB	PCBKBE01

PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
KEMPPI	FU10 PCB	PCBKEM06
	FU20 / 30 / 3500 PCB No:4235090	PCBKEM07
	F2S1 MODULE	PCBKEM08
	LISA - 7 / 7W / 7WP / 8W / 8WP PCB	PCBKEM19
	LISA - 12 + LISA 14JP W.F.U. (VARIOUS PCB'S)	PCBKEM20
	LISA - 15 / 15P / 15PL / 16 / 16P W.F.U. PCB No: SY-M4	PCBKEM21
	LISA - 15 / 15P / 15PL / 16 / 16P W.F.U. PCB No: SPR-3-24P	PCBKEM22
	W.F.U AM21 / AM42 PCB	PCBKEM41
	W.F.U. AM213 MK1 & MK2 / AM 423 PCB	PCBKEM42
	MM05 / 20 PCB No: 9758295-A	PCBKEM37
	RA 650 PCB (VARIOUS PCB'S)	PCBKEM23
	KEMPPI PRO 500 MAIN PCB & DISPLAY PCB	PCBKEM49
	KEMPOWELD K200 / K400 PCB No: 9758384-C	PCBKEM43
	KEMPOWELD K400 W.F.U. PCB No. 4279550	PCBKEM45
	KEMPOMAT 230 PCB	PCBKEM30
	KEMPOMAT163S / 181S PCB No: (3 - 05700)	PCBKEM31
	KEMPOMAT 253 PCB No: A002 (SPR - 3 - 24P)	PCBKEM33
	KEMPOMAT 161 / 180 / 250 / 320C ETC PCB No: 4256050	PCBKEM34
	KEMPOMAT 1701 COMPACT MIG PCB No:9758435-A	PCBKEM35
	KEMPOMAT 3200C MIG PCB No: 9758514-A	PCBKEM53
	SUPER KEMPOMAT 150 ELECTRONIC PCB No: 205190B	PCBKEM36
	FASTMIG MOTOR CONTROL PCB No: 9758535 (REQUIRE FRONT PANEL PCB)	PCBKEM55
	KEMPOWELD 400 POWERSOURCE PCB No. 4279480	PCBKEM46
	3200 POWERSOURCE PCB	PCBKEM47
	TRIGGER 1000 PCB	PCBKEM38
	MP 2400 PCB (VARIOUS PCB'S)	PCBKEM16
	MTLG PCB (VARIOUS PCB'S)	PCBKEM18
	MINEKA 130 PCB	PCBKEM09
	KEMPAK 150 TIG CONTROL PCB	PCBKEM01
	KEMPAK 150 THY. CONTROL PCB	PCBKEM02
	SUPER KEMPAK 150 DC + TIG THY. PCB	PCBKEM03
	KEMPAK 200 DC THY PCB No: 205254C / 9758247	PCBKEM04
	KEMPAK 200 TIG + HF CONTROL PCB 204679B / 204960	PCBKEM05
	DC 200 CONTROL + HF PCB	PCBKEM11
	PS 3500 / 5000 MAIN PCB	PCBKEM15
	KEMPPI MASTER 3500 HF PCB No: 9758373-A	PCBKEM44
	MASTER TIG 1500 / 1800 / 2200 MAIN PCB No: A001	PCBKEM17
	MASTER TIG 1500 / 1800 / 2200 SLOPE AND HF PCB No: A002	PCBKEM50
	MASTER TIG 1500 / 1800 / 2200 POT AND SWITCH PCB No: A003	PCBKEM51
	MASTER MLS 2500 / 3500 POWER SUPPLY PCB No: 9758442A	PCBKEM54
	MSD1 METER PCB	PCBKEM52
	EKATIG 160 HF PCB A001	PCBKEM40
	EKA 200 PCB No: A001	PCBKEM24
	HILARC 250 PCB (VARIOUS PCB'S)	PCBKEM25
	TYLARC 303 / 453 / 653 PCB No: 4172210	PCBKEM10
	MARC 500HF MAIN PCB	PCBKEM26
	TU 20 / 50 PCB No: A001	PCBKEM27
	TU 20 / 50 PCB No: A002	PCBKEM28
	TU 20 / 50 PCB No: Z001	PCBKEM29
	LHF 3 + 4 (VARIOUS PCB'S)	PCBKEM12
	LHF 5 MAIN PCB No: 204679B / 204960	PCBKEM13
	LHF 5 SMALL PCB	PCBKEM14
	KEMPOTIG AC - DC 250 (VARIOUS PCB'S)	PCBKEM39
	PLASMA (SPT) PCB	PCBKEM48
KENDE	WIRE FEED UNIT CONTROL PCB No: A3997 / F7267	PCBKEN01
LINCOLN	SPRITE 2000 MODULE	PCBLIN01
	SPRITE MK3 S4 CONTROL BOX	PCBLIN02
	SPRITE 2000 REGAVOLT (MINOR REPAIR)	PCBLIN03
	(VARIAC REPAIR)	PCBLIN04
	LN7 W.F. CONTROL PCB	PCBLIN06
	LN7 BURNBACK / TIMER PCB No: L-7233-1 / L-7232-1	PCBLIN40
	LN9 POWER PCB No: L7253-1 / L - 6043	PCBLIN07
	LN9 GMA POWER PCB No: L7265-3	PCBLIN49
	LN9 MOTOR CONTROL PCB No. L10068-1	PCBLIN27
	LN9 VOLTAGE PCB No: L6084-3 / 4	PCBLIN32
	LN9 TRIGGER PCB No: M13861-1	PCBLIN33
	LN9 METER PCB No: L-668	PCBLIN34
	LN25 PCB	PCBLIN35
	LN542 W.F.U. PCB No: FR132	PCBLIN50
	LN742 MAIN PCB	PCBLIN26
	CVR 250 COMPACT PCB	PCBLIN08
	NA5 VOLTAGE PCB	PCBLIN22
	MINIMIG 180 MK1	PCBLIN05
	MINIARC 125 DC PCB	PCBLIN17
	MINIMIG 180C / 250C PCB MK2	PCBLIN18
	MINIMIG 140 PCB	PCBLIN19
	MINIMIG 170 / 200 PCB No: RE191	PCBLIN20
	COMPACT MIG PCB No: L8926-3	PCBLIN24
	LINCOLN ELECTRIC COMPACT 185 PCB No. US45B / C-2731-306-1/B	PCBLIN30
	MK3 S6 CONTROL BOX	PCBLIN25
	ARCMAKER MF12/2 + MF14/2 (RE174)	PCBLIN10
	ARCMAKER 300 MF 12 PCB No: CS157	PCBLIN12
	2503 MIG PCB No: FDB ARC 130010B5	PCBLIN38
	MAGSTAR 351 PCB No: US41S	PCBLIN39
	LF30 W.F.U FRONT PANEL PCB (REQUIRE BOTH PCB`S TO TEST)	PCBLIN45

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PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.	
LINCOLN	IDEALARC R3R 375 / 500 / 600 PCB	PCBLIN11	
	CV300 PCB No: L8873-1	PCBLIN44	
	CV400 / CV500i PCB No. G2629-1	PCBLIN28	
	CV400i CONTROL PCB No: L8930	PCBLIN46	
	DC 400 MAIN PCB No: G1811-1	PCBLIN09	
	DC 600 FIRING PCB	PCBLIN13	
	DC 600 CONTROL PCB No: G1504-3	PCBLIN14	
	DC 1000 / 1500 FIRING PCB No: G1486-5	PCBLIN15	
	DC1000 / 1500 CONTROL PCB No: G1585	PCBLIN16	
	TIG MAKER 170 AC / DC	PCBLIN21	
	ARCOS LINCOLN AC / DC 180 TIG PCB No: 114113 / CS239	PCBLIN23	
	LINCOLN SQUAREWAVE TIG 350 AC / DC POWER PCB No: G2081-2	PCBLIN36	
	LINCOLN SQUAREWAVE AC/DC 255 MAIN CONTROL PCB: GS2150-3	PCBLIN37	
	(DISPLAY PANEL REQUIRED)		
	IDEAL ARC TIG 250 TIMER PCB No. L-6354-2	PCBLIN29	
	SQUAREWAVE AC/DC 355 CONTROL PCB No: G2512	PCBLIN43	
	LINCOLN V205 AC/DC HF PCB No: 15.14.286	PCBLIN41	
	RANGER 300DLX MAIN PCB	PCBLIN31	
	RANGER 405D ENGINE WATCHER / IDLER PCB No: L10558-1	PCBLIN47	
	LINC METER VOLTS AND AMPS MODULE No: M51397-1	PCBLIN42	
	2T / 4T LATCHING PCB No: SCP130ET	PCBLIN48	
LODAR	LODAR 9000 CONTROLLER PCB No: LUDAR RX91XX	PCBLOD01	
LTEC /	*SEE UNION CARBIDE PCB'S*		
MASE	GENERATOR THYRISTOR CONTROL PCB No: DC951101A	PCBMAS01	
MERITUS	MERITUS SPOT WELDER PCB	PCBMER01	
	TIMER PCB	PCBMER02	
MERKLE	MIG PCB No:W24E / 100	PCBMEK01	
	M3000K PCB No: ME-MAG-3.2	PCBMEK02	
MESSER	EUROTRAC S -2 W.F.U. PCB	PCBMES02	
GRIESHEIM	EUROTRANS W.F. PCB - MRT1	PCBMES03	
	PROFI MIG W44 / 200 MIG PCB No: 44.1940.01L	PCBMES05	
	WEGADRIVE 4 / 4M / 4L PCB	PCBMES06	
	350S / 450S PCB No: 100381 (DUTCH MADE MACHINE)	PCBMES08	
	MIG 600 PCB No: W44	PCBMES09	
	WEGA 330 / 400 / 500 / 600 PCB No: 44.2275.02L	PCBMES10	
	TICO MIG 350C PCB No: 36025433 / ART 70980	PCBMES11	
	COMBI TIG GW23 CONTROL PCB No: WST11/12	PCBMES01	
	PLASMA STAR HA60 PCB A1 (753.02365D)	PCBMES04	
	QUICKIE CUTTER PCB	PCBMES07	
MIGATRONIC	W.F. CONTROL BOX - 14 PIN	PCBMIG04	
	W.F. CONTROL BOX - 26 PIN WATERCOOLED (WITH PIPES)	PCBMIG05	
	W.F. CONTROL BOX - 26 PIN, PCB No: 76116281 / 61116271	PCBMIG06	
	AUTOMIG / 180 MONO ETC U SHAPE MOD	PCBMIG03	
	RALLY 166 CONTROL PCB No: 17611531	PCBMIG11	
	KDO PCB MODULE	PCBMIG17	
	DYNAMIG MODULE	PCBMIG25	
	MXE PCB	PCBMIG18	
	MXE PCB (VERSION WITH SURFACE MOUNT COMPONENTS)	PCBMIG37	
	RALLY PCB (LIKE MXE MODULE)	PCBMIG24	
	140 MIG PCB No: 17616180	PCBMIG26	
	160 MIG PCB No: HTZPSM (MEGA MICO ELECTRONICS)	PCBMIG34	
	335C / 405C / MWF 10, 11,21 W.F.U PCB No. 71611329E	PCBMIG36	
	335C / 405C / MWF 10, 11,21 W.F.U PCB (SURFACE MOUNT VERSION)	PCBMIG38	
	BDH320 MODULE No: 997866826	PCBMIG39	
	LDE 250 / 400 MMA BOX	PCBMIG01	
	LDE 250 / 400 TIG / MMA BOX	PCBMIG02	
	LTE 140 TX CONTROL PCB	PCBMIG09	
	LTE 200 PCB	PCBMIG10	
	LTE BASE CURRENT PCB	PCBMIG19	
	TDE CONTROL BOX	PCBMIG16	
	TDE / LDE / LTE HF BOX (ELECTRONIC)	PCBMIG21	
	TIGSCOUT PCB	PCBMIG20	
	LDU PCB No: 75916300	PCBMIG29	
	MTA / THA TIG CONTROL BOX - 14 PIN	PCBMIG07	
	MTA / THA TIG HF & SUP PCB	PCBMIG08	
	MDU BOX	PCBMIG27	
	MTE 220 / 320 / 440 REAR PCB	PCBMIG12	
	MTE 220 / 320 / 440 CONTROL BOX STD (C/W REMOTE)	PCBMIG13	
	MTE 220 / 320 / 440 CONTROL BOX (PULSE / SLOPE)	PCBMIG14	
	MTE 220 / 330 / 440 HF BOX (SPARK GAP TYPE)	PCBMIG15	ELECTRONIC HF S/EX BOX
	FSF FOOTPEDAL PCB	PCBMIG31	
	FSF FOOTPEDAL COMPLETE	PCBMIG32	
	AMPS + VOLTS DIGITAL DISPLAY PCB No. 71611325C	PCBMIG33	
	WATER TEMP / FLOW SAFETY PCB No. 71616510	PCBMIG35	
	PDX40 PLASMA PCB No: 76114730	PCBMIG30	
	PDX45 PLASMA CONTROL PCB	PCBMIG28	
	PDX70 MAIN PCB	PCBMIG22	
	PDX70 AUX PCB	PCBMIG23	

(ALL MIGATRONIC REPAIRS EXCLUDE METERS)

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PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
MIG PARTS	WF2 CONTROL PCB	PCBMIP01
	WF3 CONTROL PCB	PCBMIP02
MILLER	MIG CONTROL PCB No: WA105	PCBMIP03
	MODULE 1 PCB No:057084023	PCBMIL05
	MODULE 2 PCB No:REO83	PCBMIL06
	235 COMPACT PCB No: RE158B	PCBMIL13
	COMPACT BLUE PCB No: PN057084	PCBMIL19
	216 / WIRE FEED UNIT PCB No: OL.02	PCBMIL14
	T212 W.F.U PCB No. RE182B	PCBMIL23
	424 FEEDER - RE153B	PCBMIL04
	S22A W.F.U PCB	PCBMIL17
	22A W.F.U. (KS20) PCB No: 186328	PCBMIL20
	24A CONTROL PCB No. 192652	PCBMIL29
	S54 W.F.U PCB	PCBMIL18
	562 / 564 PCB	PCBMIL24
	ST44 W.F.U PCB No: 056.156.011	PCBMIL37
	PUSH-PULL GUN PCB No: 142053	PCBMIL45
	GOLDSTAR 400 / 500 SS THY. PCB	PCBMIL15
	DETAWELD PCB	PCBMIL16
	DELTAWELD 602 THY. CONTROL PCB No. 176576/7/8/9	PCBMIL30
	DELTAWELD 602 DIGITAL METER PCB No. 177909	PCBMIL31
	DELTAWELD 300E MAIN PCB No:151590 / 146820A / KC-18	PCBMIL33
	DELTAWELD 451/651 PCB No: 117640/117641/117645	PCBMIL21
	DIMENSION MAIN PCB	PCBMIL32
	SYNCROWAVE 351 RELAY PCB No: 140030B	PCBMIL22
	351 AC/DC TIG MAIN PCB	PCBMIL25
	351 AC/DC TIG FILTER SUSPRESSION PCB	PCBMIL35
	351 AC/DC TIG RELAY PCB No: 140028	PCBMIL46
	GOLDSEAL 160I HF PCB No: 65927 / COD 6-1-895	PCBMIL34
	XMT FRONT CONTROL AND DISPLAY PANEL PCB No: 187099	PCBMIL40
	PC1 - SYNC 300 / 500	PCBMIL01
	PC2 - SYNC 300 / 500 (ITALIAN / AMERICAN) (000/052/790/1)	PCBMIL03
	SYNC 300 PULSER UNIT PCB	PCBMIL12
	PC1 – SYNC 275	PCBMIL02
	PC1 – SYNC 375	PCBMIL39
	PC2 – SYNC 275 / 375 RELAY PCB	PCBMIL38
	SYNC 275 PULSER PCB No. MG11 / 057.084.030	PCBMIL26
	SYNC 275 ELECROSLOPE PCB No. MG10 / 057.084.029	PCBMIL27
	SYNCHROWAVE 350LX MAIN CONTROL PCB	PCBMIL36
	250 AC / DC TIG PC1 (DIALARC HFE) + STARTIG 200 MAG AMP	PCBMIL07
	DIALARC HFE GAS DELAY PCB	PCBMIL11
	AIRCRAFTER 330 ST PC1 (MAG AMP PCB) No: RE091	PCBMIL08
	AIRCRAFTER 330 ST PC2 (RELAY CONTROL PCB)	PCBMIL09
	AIRCRAFTER 330 ST TIMER PCB	PCBMIL10
	SOFT START 1 / 2 / 2F TIG CONTROL PCB No: RE199C	PCBMIL28
	METRO 250 /350 ENGINE SET THYRISTOR DRIVE PCB	PCBMIL41
	XMT MAIN CONTROL PCB	PCBMIL47
	MAXSTAR 300 MAIN CONTROL PCB	PCBMIL48
MOSA	MS 170 FRONT PCB	PCBMOS01
	MS 170 TOP PCB	PCBMOS02
	270 REG PCB	PCBMOS03
	TS 300 ELECTRONIC PCB No: 20801.9.800	PCBMOS04
	MSG 201 EXCITATION PCB	PCBMOS05
	MSG 201 110 V AC CONVERTER PCB Np: 20150.9.660	PCBMOS06
	MANAGEMENT PCB No: 20950.9.825	PCBMOS07
	TS 500 MAIN CONTROL PCB	PCBMOS08
	ENGINE MANAGEMENT PCB No: EP1	PCBMOS09
MULTIMIG	MULTIMIG PCB (WELDING GUNS - G150B)	PCBMUL01
	MULTIMIG 330 PCB No. WEL37 (20 PIN – SURFACE MOUNT COMPONENTS)	PCBMUL03
	MULTIMIG PCB No: WEL4-3	PCBMUL04
	MULTITIG 201 PCB No: W91-V2.1	PCBMUL02
MUREX	TRADESMIG 135 / 165 / 245 / ETC PCB No: 44065501 / W10E	PCBMUR01
	TRADESMIG 130 / 160 / 230 / 240 ETC PCB No: W22 / 4273882	PCBMUR02
	TRADESMIG PCB W10M-3	PCBMUR52
	TRADESMIG PCB W10M-4	PCBMUR53
	TRADESMIG 263 / 303 PCB	PCBMUR31
	MIGET MIG PCB	PCBMUR33
	TRADESMARC 151 MIG PCB	PCBMUR34
	TRADESMARC 181 / 243 MIG PCB No: 486158-001L	PCBMUR35
	162 / 244 / 324 W.F. PCB No: RE121B ETC	PCBMUR03
	2x2 / 4x4 W.F.U PCB No: FR122 & LYNX 4D	PCBMUR28
	TRANSMATIC 3.2S PCB No: RE072	PCBMUR32
	MUREX 4C W.F.U PCB No: 487253 / 487254	PCBMUR60
	AVC CONTROL PCB No: 1413087	PCBMUR05
	AVC GAS VALVE CONTROL PCB No: 1413080	PCBMUR06
	4i MOTOR CONTROL PCB No: SSMIG	PCBMUR55
	TRANSMIG BURNBACK PCB	PCBMUR04
	TRANSMIG 500 MAIN PCB	PCBMUR23
	TRANSMIG 500 REG PCB (MAIN PCB REQUIRED)	PCBMUR24
	TRANSMIG 403 / 413 / 503 THY. PCB No: 486480881/4 / 4235 + 5235	PCBMUR40
	TRANSMIG 505 PCB No: 675296 / 675346	PCBMUR29
	TRANSMIGS 253, 353, ETC MIG METER PCB No: 486316	PCBMUR64
	DC630 / 800 PCB	PCBMUR30
	303 CONTROL PCB	PCBMUR36
	DC 130 PCB No: 0175640	PCBMUR07

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PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
MUREX	TRANSARC 135	PCBMUR27
	DC 145 - LIFT ARC PCB	PCBMUR08
	DC 145S - LIFT & SLOPE PCB	PCBMUR09
	TRADETIG 151i DC TIG FRONT CONTROL PCB	PCBMUR47
	TRANSARC DC 300 / 400 PCB	PCBMUR10
	DC 305 / 405 THYRISTOR PCB	PCBMUR11
	SSP200 START PCB	PCBMUR21
	SSP200 LOGIC PCB No: 1410543 / 0191650	PCBMUR22
	THF 300 / 350 CONTROL PCB	PCBMUR37
	THF 300 / 350 HF PCB	PCBMUR38
	TRADESTIG 161i AC/DC FRONT PANEL PCB (PCB 4)	PCBMUR56
	TRADESTIG 161i AC/DC HF PCB	PCBMUR57
	AC - DC 180 PCB	PCBMUR25
	AC - DC 200 SQUAREWAVE - HF & SLOPE PCB	PCBMUR12
	AC - DC 200 SQUAREWAVE - REG PCB	PCBMUR13
	AC - DC 205 SQUAREWAVE - HF + SLOPE PCB 481635880	PCBMUR41
	SABRE ARC 150 PLASMA LOGIC PCB No: 675369	PCBMUR58
	SABRE ARC 150 PLASMA CURRENT CONTROL PCB No: 674935	PCBMUR59
	AC - DC 350 SQUAREWAVE - MAIN PCB	PCBMUR14
	AC - DC 255 / 355 TIG THY. PCB (TRANSTIG)	PCBMUR15
	AC - DC 255 / 355 SLOPE PCB (TRANSTIG)	PCBMUR16
	AC - DC 255 / 355 INTERFACE PCB (TRANSTIG)	PCBMUR17
	AC/DC 255 / 355 PREFLOW / POSTFLOW TIMER PCB	PCBMUR48
	TRANSTIG AC - DC 200S	PCBMUR18
	TRANSTIG 252 / 352 MAIN PCB No:38089	PCBMUR46
	TRANSTIG 252 / 352 SLOPE PCB No: 38080	PCBMUR54
	AD / DC 201i / 203i / 303i / 353i MAIN INVERTER PCB	PCBMUR61
	AC / DC 201i / 203i / 353i HF PCB No: cod 6 – 1 – 895 / 65927	PCBMUR51
	TRADESTIG AC/DC 161i MAIN INVERTER PCB	PCBMUR62
	SABRE ARC 50i / 80i MAIN PCB No:107732 / 38002	PCBMUR50
	TRADESCUT 4 (VERSION WITH SURFACE MOUNT COMPONENTS)	PCBMUR45
	TRADESCUT 4 / 20 CONTROL PCB	PCBMUR19
	TRADESCUT 5 / 10 CONTROL PCB No: CS189	PCBMUR20
	TRADESCUT 5 / 10 HF PCB No. CS184	PCBMUR42
	VRD CONTROL PCB	PCBMUR44
	IMP CUTTER PCB	PCBMUR26
	350i Multi process power source control PCB 38004	PCBMUR65
MTF	FEED UNIT PCB	PCBMTF01
NEWARC/	RM250S / RM330 MIG PCB No: US25	PCBNEW01
NORTH	4 ROLL DRIVE W.F.U. PCB No: US-37	PCBNEW05
EAST WELD	MIG CONTROL PCB No: US51S	PCBNEW09
	MIG CONTROL PCB No: US41A	PCBNEW11
	MIG CONTROL PCB No: US41S	PCBNEW12
	W.F.U. 2RB / RM2505 MIG CONTROL PCB No: 290796	PECNEW10
	VIPER 201 PCB - STD	PCBNEW02
	VIPER 201 PCB - LATCHING	PCBNEW03
	VIPER 200 / 201 HF PCB	PCBNEW04
	R302 TIG BOX (COMPLETE BOX REQUIRED)	PCBNEW06
	RT2000 HF PCB No. 100495	PCBNEW07
	RT1500 / RT2000 / R3000 / R4500MP INVERTER CONTROL PCB	PCBNEW08
NEWMIG	180 MIG PCB	PCBNMIG01
NORWELD	DC300 / 400	PCBNOR01
	TIG 130 CURRENT CONTROL PCB	PCBNOR02
	TIG 130 LOGIC + HF PCB	PCBNOR03
	TIG 182 MAIN PCB No: 020580	PCBNOR04
	TIG 182 HF + LOGIC PCB No: 020605A	PCBNOR05
	TIG 182 HF ACTIVATOR PCB	PCBNOR06
NUTOOL	MIG 135 MOTOR CONTROL PCB	PCBNUT01
	NW205P MIG PCB	PCBNUT02
	185P MIG PCB No: TE192	PCBNUT03
OERLIKON	MF2 / MF4 PCB (WEMI)	PCBOER01
(FRO / WEMI	F32 / F34 PCB No: RE123D (OLD VERSION)	PCBOER02
CITOARC / ESSTTI	F32 / F34 PCB No: 22710030 (NEW VERSION)	PCBOER44
/ HELVI	M308 / 408 / F32 / F34 ETC. DIGITAL METER PCB No: 22710028	PCBOER24
	SOLOMIG PCB No: E0493	PCBOER10
	SOLOMIG / M303 / M308C PCB No: E0788WI	PCBOER11
	MIG PCB No: 22710064	PCBOER45
	MIG PCB No: ES241B (FRO)	PCBOER04
	MIG PCB No: ES211D (FRO)	PCBOER29
	MS 376 / 506 MAIN THY. CONTROL PCB No: 412851 / 811675	PCBOER05
	MSF PCB	PCBOER23
	MS 500 PCB No: ES177 + ES 185A (FRO)	PCBOER06
	MS 500 AMPS + VOLTS DIGITAL DISPLAY PCB No. ES257	PCBOER32
	M250 / 320C / 2WD / 4WD / MIG PCB No: ES242 (FRO)	PCBOER03
	4WDE W.F.U. CONTROL PCB No: ES195A (FRO)	PCBOER09
	MULTI 506 MAIN PCB No: CCCVTHY0197RPR	PCBOER07
	MULTI 506 DIGITAL METER PCB No: DPM1296RPR	PCBOER25
	OMF2 / OMF4 PCB	PCBOER08
	MIGARC 300 INLINE W.F.U. PCB	PCBOER39
	CDT450 W.F.U. PCB No: CP34-85	PCBOER28
	T400E TIG CONTROL PCB	PCBOER13

PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
OERLIKON	T400E SLOPE PCB	PCBOER14
FRO, ESSETI	TDC201 / TDC355 HF PCB	PCBOER15
HELVI, WEMI	SDC 400E PCB No: ES260 (FRO)	PCBOER16
	SDC 303 / 403 PCB No: 412911 (WEMI)	PCBOER17
	T2500P DC TIG MAIN PCB (THY. CONTROL)	PCBOER37
	T2500 DC TIG – TIG CONTROL AND HF PCB	PCBOER46
	T2000 / T2800 AC/DC TIG – TIG CONTROL AND HF PCB	PCBOER34
	T2000 AC/DC TIG MAIN PCB (THY. CONTROL)	PCBOER35
	T2800 AC/DC TIG MAIN PCB (THY. CONTROL)	PCBOER36
	T2000 / T2500P / T2800P AMPS DISPLAY PCB	PCBOER38
	TAC 173 PCB	PCBOER18
	TAC 203 LOGIC PCB No: ES174	PCBOER30
	TAC 203 THY. DRIVE PCB No: ES171	PCBOER31
	TAC206 / 254 / 324 / 3100P FRONT PANEL PCB	PCBOER40
	TAC206 / 254 / 324 / 3100P HF PCB	PCBOER42
	TAC206 / 254 / 324 / 3100P HF PCB No: 155A	PCBOER26
	T3100P PULSE PCB	PCBOER41
	TAC 250 PCB No: ES264	PCBOER43
	TAC253P THY. CONTROL PCB No: ES252 (FRO)	PCBOER27
	TAC356 / 360 AC / DC SQUAREWAVE TIG PCB No: ES53A	PCBOER12
	TAC 356 HALL PCB No: ES41A (FRO)	PCBOER19
	AP15 / 25 MAIN PCB (SAF)	PCBOER20
	AP 15 / 25 HF PCB (SAF)	PCBOER21
	ABOVE PCB BUT WITH HV TRANSFORMER REWOUND	PCBOER22
	AP217 / AP227 MAIN PCB No: 0408 6285 / 86 / 8814 0368B	PCBOER33
OLYMPUS	COMPACT MIG PCB	PCBOLY01
	OMWF2-2 MIG PCB	PCBOLY03
	60 / 90 / 120 PLASMA CONTROL PCB	PCBOLY02
OXFORD	MIG 161 PCB No: 3429	PCBOXF01
	MIG PCB No: 1260 / ALSO PCB No:3438	PCBOXF02
	MIGMASTER MK2 PCB	PCBOXF03
	MIGMASTER MK2 WITH TIMER	PCBOXF04
OTC	TIG AC - DC PCB No: P7863U	PCBOTC01
	CPXS – 500 MAIN PCB No. P6429P	PCBOTC02
	CPXS – 500 SMALL PCB No. P6679Q	PCBOTC03
PEI	C2 SPOT WELDER MODULE	PCBPEI01
PETBOW	AUTO IDLE TIMER CONTROL PCB 270 / 300	PCBPET01
	ACR 270 / 300 CURRENT CONTROL PCB ACR-W3 / ACR-W4	PCBPET02
	SMALL TIMER / RELAY PCB No: ES1	PCBPET03
	RELAY PCB No: SP – 1040-1	PCBPET04
PHILLIPS	PZ 5810 / 173 COMPACT CONTROL MOD.	PCBPHI01
	PZ 5530 / 41 / 42 PCB TRAY	PCBPHI02
	W.F.U. PCB No: KTC	PCBPHI03
	PZ 5531 / PZ 5533 WIRE DRIVE UNIT PCB	PCBPHI04
	PZ 9606/00 PCB	PCBPHI05
PORTAMIG	JLX RANGE - 'C' TYPE PCB	PCBPOR01
	JLX / JLS OLD TYPE - REO. 77 PCB	PCBPOR02
	MOTAMIG RANGE - 'B' &'BB' TYPE PCB	PCBPOR03
	MOTAMIG - 'X' TYPE PCB	PCBPOR04
	MOTAMIG 185, ETC OLD TYPE (EDW PCB)	PCBPOR05
	GRAFTER 165 & 205 PCB	PCBPOR06
	PORTAPLASMA - 'A' TYPE PCB	PCBPOR07
	PORTAPLASMA - CONTROL PCB	PCBPOR08
	PORTAPLASMA - THYRISTOR CONTROL PCB	PCBPOR09
	SANDPIPER 1 & 3 PHASE DC THY. PCB	PCBPOR10
	KINGFISHER AC / DC TIG PCB	PCBPOR11
	TIG RELAY CONTROL PCB	PCBPOR12
	TIG RELAY HF PCB	PCBPOR13
	HF PCB - PLASMA & DC TIG	PCBPOR14
	HF PCB - ELECTRONIC	PCBPOR15
POWCON	300ST TIG CONTROL AND HF PCB	PCBPOW01
(COMPLETE	300ST MAIN PCB	PCBPOW02
MACHINE MAY	300SS MAIN PCB	PCBPOW03
BE REQUIRED)	300SM MAIN PCB	PCBPOW04
	550 / 600 SMT MAIN PCB	PCBPOW06
	PDI/E W.F.U. PCB No. 105137	PCBPOW05
	STARCUT PLASMA HF PCB No: 107029	PCBPOW07
PREMARK	W300 (ENGINE DRIVER) THY. CONTROL PCB	PCBPRE01
RIVEL	WIRE FEED UNIT PCB No: RE271B	PCBRIV01
ROMARC	ROMARC 200 PCB	PCBROM01
ROWAN ARC	SAP 2 MOTOR PCB No: 49021302	PCBROW01
	SAP 2 RELAY PCB	PCBROW02
ROCKWELD	BURNBACK PCB	PCBROC01
SAF	SAF MIG 400BL / DBL W.F.U PCB	PCBSAF06
	SAF MIG 360 / 500 BLS W.F.U. PCB No: 88140264G	PCBSAF07
	SAF MIG 360 / 500BH W.F.U. PCB (DEVIDOIR)	PCBSAF08
	W.F.U. PCB No: 91093671	PCBSAF10

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PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
SAF	SAFYARD 500 W.F.U. MOTOR CONTROL PCB No: 88140264G	PCBSAF16
	SAFYARD 500 THYRISTOR CONTROL PCB	PCBSAF17
	BURNBACK PCB No: 91604849	PCBSAF18
	COMPACT MIG 321C PCB	PCBSAF19
	MONOMIG CONTROL PCB No: 9160 4034	PCBSAF20
	RVC 42 MOTOR PCB	PCBSAF21
	475TR MIG CHOPPER CONTROL PCB No: 9114 3829B / 8814 0129	PCBSAF26
	MIG 455 PCB (VARIOUS)	PCBSAF11
	MAJOR 400 / 400S / 500 / 500S PCB	PCBSAF28
	NERTINOX 150P TIG CONTROL PCB No. 03893719	PCBSAF22
	NERTINOX 150P TIG THY. CONTROL PCB No. 03893718A	PCBSAF23
	NERTINOX 180P TIG CONTROL PCB	PCBSAF24
	NERTA BLOC 260 PCBS / NERTINOX 250P CYCLE PCB No: 03874087D	PCBSAF13
	NERTA BLOC 260 PCBS / NERTINOX 250P REG PCB No: 03874091	PCBSAF14
	NERTA BLOC 260 PCBS / NERTINOX 250P PULSER PCB No: 03874085	PCBSAF15
	THYRENTIEL 360 AC - DC TIG THY PCB ES53A	PCBSAF09
	TIGMATE 270 / 400 MAIN PCB No: 90000023	PCBSAF27
	NERTAJET PCB No: 04083481	PCBSAF01
	NERTAZIP PCB No: 0408 4727 / 0408 4219 / 0408 3616	PCBSAF02
	PLASMA CONTROL PCB (0408 4526 / 2631)	PCBSAF03
	PLASMA HF PCB - ELECTRONIC (0408 3814)	PCBSAF04
	ABOVE PCB BUT WITH HV TRANSFORMER REWOUND	PCBSAF05
	PLASMA ZIP 1 / 2 / 3 MAIN PCB No: 0408 6285 / 86 / 8814 0368B	PCBSAF25
	PLASMA ZIP 5 PLASMA CYCLE PCB No: 0408 6519	PCBSAF29
	NERTA 215 PLASMA PCB No: F0408 4727E / 0408 4219B / 0408 3616	PCBSAF12
SELCO	GENESIS 164BLH HF & POWER SUPPLY PCB No: 15.14.242	PCBSEL01
	GENESIS 202 HF PCB No: 15.14.286	PCBSEL02
SEALEY	MIG CONTROL PCB No: RE181B RE191	PCBSLY01
	SPOT WELDER PCB No: 112433	PCBSLY02
	MIG PCB No:TW114207	PCBSLY03
SIP	7902 IDEAL RANGE MODULE	PCBSIP01
	7902/S PCB / 7902 - B PCB	PCBSIP13
	7901 MODULE	PCBSIP02
	IDEAL 150M / 160 MIG CONTROL PCB No: CSX01	PCBSIP03
	CSXE01 MIG CONTROL PCB	PCBSIP04
	MIG 2000 CONTROL BOX PCB No: BCE 24 / BCE 24M	PCBSIP06
	MIG 210 (SEPRI CSX02 / 01)	PCBSIP07
	MIG PCB No: E1292	PCBSIP15
	MIG PCB No: NOLTA 330008	PCBSIP16
	TOP TURBO MIG 140 PCB No: MIG05-00	PCBSIP19
	TIG 160 AC / DC PCB	PCBSIP08
	SPOT WELDER PCB No: 81 - 3	PCBSIP09
	SPOT WELDER PCB No: CS 8502 (INC. REWIND AUX IF NESS.)	PCBSIP10
	SPOT WELDER PCB No: RE082C	PCBSIP11
	PL20T SPOT WELDER PCB No: NORMA RT8203/A	PCBSIP12
	PLASMA 50 CONTROL PCB No: CP03HF	PCBSIP05
	PLASMA 25 / 30 PCB No: CP20	PCBSIP14
	PLASMA 80 / 120 HF PCB	PCBSIP17
	PLASMA 80 / 120 MAIN CONTROL PCB	PCBSIP18
SIPE	81R CONTROL BOX	PCBSPE01
	77 & 78R CONTROL PCB	PCBSPE02
	SCWE ELECTRONIC THY. CONTROL BOX	PCBSPE03
SODERNIC	MIG PCB No: 1809106V1	PCBSOD01
	MIG CONTROL PCB No: RE191	PCBSOD02
	W.F.U CONTROL PCB No: 360000	PCBSOD03
SPT	PLASMA PCB No. SPT	PCBSPT01
STUBBS	UTP 500 / 800 PLASMA PCB	PCBSTU01
	AC - DC 200 CONTROL PCB	PCBSTU02
	AC - DC 200 HF PCB	PCBSTU03
	PLASMA 850 RELAY PCB No: ERB8807	PCBSTU04
SUREWELD /	MAXI 270 / 370 / 400 CONTROL PCB No: RE133B / IN24B	PCBSUR01
CEA	MONOMIG 160 PCB No:114054	PCBSUR02
	MONOMIG 151 MIG PCB No: 114057	PCBSUR11
	MONOMIG 150 MIG PCB No: RE093	PCBSUR12
	MIG PCB No: 1N28	PCBSUR05
	TR SERIES MIG PCB	PCBSUR09
	EUROFILL 210 / 250 PCB	PCBSUR10
	RFG3E PCB No: NO8	PCBSUR06
	MIG CONTROL PCB No: FRIMER FR137	PCBSUR17
	ECHO 451 / 351 THY. CONTROL PCB No: ECHOR3	PCBSUR15
	MCS 324 / MCS 400 SYNERGIC MIG MODULE No: ES1	PCBSUR19
	DC500 / 650 TIG CONTROL PCB No. DC650	PCBSUR14
	TIGTRONIC 165 PCB	PCBSUR07
	TIGTRONIC 405 / 605 THY. CONTROL PCB	PCBSUR04
	TIGTRONIC 305 / 235 / 505 PCB No: TW001434	PCBSUR03
	AC / DC 250 TIG PCB No: RE170B	PCBSUR08
	AC/DC 300 CHOPPER CONTROL PCB No. SERVIZ1323 / AC001323	PCBSUR13
	PLASMA CUT80 / 100 / 150 / 165 PCB No: FR229	PCBSUR16
	PLASMA PLUS 55 CONTROL PCB	PCBSUR18

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PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
TECHNICAL ARC	24 VOLT MIG PCB No: M10396RPR	PCBTAS01
	42 VOLT MIG PCB No: M10396RPR	PCBTAS02
	200 / 245 COMPACT MIG PCB (OLD STYLE)	PCBTAS03
	181 / 211 / 251 291 COMPACT MIG PCB No: MIG0507RPR (NEW STYLE)	PCBTAS24
	INDUSTRIALCOMPACT MIG RANGE PCB No: CMIG0307RPR	PCBTAS35
	LOW COST W.F.U. PCB	PCBTAS04
	F40 INLINE W.F.U. PCB (VERSION 1)	PCBTAS17
	F40 INLINE W.F.U PCB (VERSION 2) PCB No: MIG0205LES	PCBTAS18
	DUAL DISPLAY METER PCB No: DPM1296RPR	PCBTAS12
	SINGLE DISPLAY METER PCB No: TA DPM0699RPR	PCBTAS11
	450E / 550E / 700E CC/CV THY. CONTROL PCB No: CCCVTHY0197RPR (VERSION 1)	PCBTAS13
	450E / 550E / 700E CC/CV THY. CONTROL PCB No: CCCV0406LES (VERSION 2)	PCBTAS28
	SPOOL ON GUN PCB	PCBTAS21
	SGS250 / SGS360 SPOOL ON GUN PCBNo: SGPP0906RPR	PCBTAS25
	PPS250 / PPS360 PUSH – PULL GUN PCB No: SGPP0906RPR	PCBTAS29
	MIGMAKER PCB	PCBTAS19
	F120 / 140 / 22-48V UNIVERSAL MIG PCB No: TTMIG0507RPR	PCBTAS22
	TIG CONTROL AND HF PCB (DC ONLY VERSION) PCB No: 01A993B	PCBTAS06
	DC155 / DC161 THY. CONTROL PCB	PCBTAS09
	DC161 / DC201 / DC251 / DC301 / DC351 / DC406 TIG THY. CONTROL PCB No: TIG1001RPR	PCBTAS10
	TIG START 180i INLINE HF PCB No: TIG1005RPR	PCBTAS34
	TIG START 300 INLINE HF UNIT PCB No: TIG0899RPR	PCBTAS20
	TIG START 300 SLOPE PCB No: DCHFSL1006LES	PCBTAS27
	TIG CONTROL AND HF PCB (AC/DC VERSION) PCB No: 01A993B	PCBTAS05
	AC/DC SINEWAVE TIG THY. CONTROL PCB No: TIG1001RPR	PCBTAS07
	AC/DC SQUAREWAVE TIG THY. CONTROL PCB No: TIG1001RPR	PCBTAS08
	SLOPE CONTROL PCB	PCBTAS23
	UNIVERSAL LATCHING PCB	PCBTAS16
	UNIVERSAL AC/DC HF PCB No: 01A993B	PCBTAS14
	UNIVERSAL PLASMA HF PCB No: 01A993B	PCBTAS15
	TT600 / TT1000 TURNTABLE PCB No: TTMIG0507RPR	PCBTAS26
	CALIBRATOR 600 RMS CONVERTER PCB No: CALI012000RPR	PCBTAS36
	TIGFEED 40 AUTOMATIC PCB No: TIGFEEDAUTO0707RPR	PCBTAS37
	206i AC/DC FRONT PANEL PCB	PCB TAS30
	206i AC/DC INPUT PCB	PCBTAS31
	166i DUAL VOLTAGE CHANGE OVER PCB	PCBTAS32
	186i DC TIG INPUT AND HF PCB	PCBTAS33
TECHNA	SPOT WELDER PCB No: 81 - 3	PCBTEC01
	SPOT WELDER PCB No: 83 - 8	PCBTEC02
	SPOT WELDER PCB No. 84 – 12 / 8648 / 88-04	PCBTEC03
	SPOT WELDER 3411 / TE25 CONTROL MODULE PCB No. 96.10B	PCBTEC04
	SPOT WELDER 95 – 11 CONTROL PCB No: CBL398D	PCBTEC05
	SPOT WELDER TE91 (ON VT23 CONTROL PANEL)	PCBTEC06
	SPOT WELDER TE90 TE95 PCB	PCBTEC07
	SPOT WELDER THY. DRIVE PCB No: CBL474C	PCBTEC08
TELWYN	DC140A TIG PCB No: F11001	PCBTEL01
	AC / DC 180A TIG PCB No: CS239 / 114113	PCBTEL02
	MIG MODULE	PCBTEL03
	MIG PCB No. 112556	PCBTEL04
	MIG PCB No: TW114307	PCBTEL05
	MAXI MIG PCB No: TW112907	PCBTEL06
THERMAL	FABRICATOR 360E / FA450S MAIN PCB No: 274CIFS	PCBTHE03
DYNAMICS	FABRICATOR 330 PCB No: CIGWELD 705952	PCBTHE04
	FABRICATOR 290 / 330 PCB No: CIGWELD 705946	PCBTHE05
	FABRICATOR 180 PCB No: CIGWELD 705531	PCBTHE06
	VRF4 W.F.U PCB No: L93322-D200	PCBTHE11
	VF4EC W.F.U PCB No: EW22GA	PCBTHE07
	W.F.U PCB No: D22POT V3.1 (NOVA TECHNOLOGY)	PCBTHE08
	THERMAL ARC / ELECTROSTA WATERCOOLER PCB No: 241B	PCBTHE10
	PAK 5XR PCB	PCBTHE01
	PAK 3 PCB	PCBTHE02
	PAK MASTER 7E PCB	PCBTHE12
	DRAG GUN PLASMA CONTROL PCB No: 114X244	PCBTHE09
TRAFFIMET /	SPOOL ON GUN PCB No: RE318	PCBTRA01
WELDSPARES	SPOOL ON GUN PCB No: RE408	PCBTRA02
LTEC /	MIG 31 + OTHER W.F.U.'S LOGIC PCB No: 994239	PCBLTE04
UNION CARBIDE	MIG 31 + OTHER W.F.U.'S MOTOR PCB No: 994236	PCBLTE05
	MIG 202 / 404 PCB No: 1441 692F / 1270 352F	PCBLTE13
	500 A MIG THY. CONTROL PCB No: 675296 / 675346	PCBLTE18
	TIGGER 150 RELAY PCB - LARGE RELAYS (1141281)	PCBLTE01
	TIGGER 150 RELAY PCB - SMALL RELAYS(1270213)	PCBLTE02
	TIGGER 150 CONTROL PCB	PCBLTE03
	UEC 8 CONTROL BOX COMPLETE	PCBLTE06
	VCR801 REGULATOR PCB	PCBLTE23
	TIG 200 / 400 DC, AMP / SLOPE PCB (REGULATOR PCB) No: 1270254	PCBLTE09
	TIG 200 / 400 DC, LOGIC PCB No: 1270282	PCBLTE10
	TIG 200 / 400 DC, TRIGGER PCB No: 1270206	PCBLTE11
	TIG 200 / 400 DC, ADJUSTMENT PCB No: 1270241	PCBLTE12
	UCC 305 LOGIC PCB No. 673673	PCBLTE21
	CE 201 / 301 / 401 HW MAG AMP PCB No: 996672 / 675256	PCBLTE07
	CE 201 / 301 / 401 HW LOGIC PCB No: 675700	PCBLTE08
	AC / DC 250 HF THY. CONTROL PCB No: 674975	PCBLTE19

PCB REPAIRS AND SERVICE EXCHANGE

MAKE	MACHINE / PCB	PART No.
LTEC / U CARBIDE	AC / DC 250 HF LOGIC CONTROL PCB No: 675421	PCBLTE20
	AC / DC 250 HF SOFT START AND ARC FORCE PCB No: 675492	PCBLTE22
	LANZE C - 250 FRONT PCB BOTH PCB'S	PCBLTE14
	LANZE C - 250 CONTROL (RELAY PCB) REQUIRED	PCBLTE15
	LANZE C - 120 REG. PCB	PCBLTE16
	LANZE C - 120 LOGIC PCB	PCBLTE17
WASA	W.F.U PCB	PCBWAS01
WEST	WIRE FEED CONTROL PCB No :RE123D (OLD VERSION)	PCBWES01
	WIRE FEED CONTROL PCB No :22710030 (NEW VERSION)	PCBWES05
	MIG PCB No: E0685.3 / E0788.1	PCBWES02
	SOFTARC 150 PCB No: 8803	PCBWES03
	RE121C / D MIG CONTROL PCB	PCBWES04
	PLASMA CONTROL PCB No: TESAX 804B	PCBWES06
WELDSPARES	CO2G W.F.U. PCB	PCBWEL01
	MIG PCB No: CO2F	PCBWEL02
	MIG PCB No: C02H	PCBWEL03
	SMALL MIG PCB No: ED0583.3 / 177016	PCBWEL04
	MIG PCB No: R2050583	PCBWEL05
	PLASMA PCB No: 112423	PCBWEL06
WELDING GUNS	KT - 50 PCB No: G150B	PCBGUN01
WTC	30 / 60 PLASMA PCB No: RE129D / VK 129	PCBWTC01
YASHIMA	POWER SPOTER PCB No:TS10000G	PCBYAS01
MISC PCBS	RE068B MIG PCB	PCBMIS01
	RE076C / RE076E MIG PCB (SECHY)	PCBMIS02
	RE181B / 191 MIG PCB (SEALY, ETC)	PCBMIS03
	RE142 MIG PCB (SUREWELD)	PCBMIS04
	RE123C MIG PCB	PCBMIS05
	RE153B MIG PCB (MILLER)	PCBMIS06
	RE061C MIG PCB (WEST)	PCBMIS07
	RE152B MIG PCB	PCBMIS08
	RE268 MIG PCB (ARCTECH)	PCBMIS09
	RE244 FIMER AC / DC 200 TIG CONTROL PCB	PCBMIS10
	RE218B FRO 191 MIG PCB	PCBMIS11
	RE254 PCB (EXCEL W.F.U.)	PCBMIS21
	RE089C (SAME AS MIILAR MOD 1 PCB)	PCBMIS12
	CS127 MIG PCB	PCBMIS13
	CS227 & T0486 MIG PCB (WELDSPARES)	PCBMIS14
	CS233 MIG PCB	PCBMIS15
	CS122 MIG PCB (EINHELL)	PCBMIS16
	CS119 & CS222 & T160 MIG PCB No:114054 (SUREWELD)	PCBMIS17
	CS239 (114113) AC / DC 200 TIG CONTROL PCB (TELWYN / LINCOLN)	PCBMIS18
	HT2P5M - 160 AMP MISC MIG PCB	PCBMIS19
	MISC SPOT WELDER PCB No: MP311 / D230996	PCBMIS20

The most comprehensive & competitive PCB repair service in the UK

TERMS AND CONDITIONS FOR PCB REPAIRS AND SERVICE EXCHANGE BOARDS

Many more PCB's can be repaired; please don't hesitate to ring us. We will attempt to repair any circuit board not listed above, but we may require a circuit diagram or schematic. Special PCB's which we have not encountered previously will be quoted upon receipt and will be charged at the quoted price whether or not they are found to be faulty. This is to cover the large amount of time which can be spent on unknown PCB's. All PCB's listed which are found to have no faults will be charged at approximately one third of the repair price, (subject to a £15.00 minimum charge).

PCB prices include carriage, packing and insurance. All the above prices are subject to VAT.

All repaired PCB's carry a six month warranty on work done. Different faults which may occur are not warranty. PCB's sent for repair in a poor state or that have been tampered with may be charged at an extra cost. PCB's which are un-serviceable, i.e. burnt or damaged beyond repair may not be service exchanged. Service exchange PCB's carry a full six months warranty. Please return old PCB's within ten days of receiving s/ex PCB. S/ex PCB`S which are not returned are chargeable at twice the catalogue S/EX price. If any PCB`s are returned any later than 3 weeks from the dispatch date, there is a late returns charge of £20.00. Service exchange PCB`s may not be returned as not required, as a large amount of work goes into preparing and sending each PCB. Please check carefully before ordering exchange PCB`s.

A same day turnaround on most PCB repairs is normally available if required, we try to dispatch all service exchange PCB's the same day as ordered, (subject to carrier collection times). An engineers report can be obtained from us, if required, to assist in finding the cause of damaged PCB's repaired by us. Sometimes PCBs are damaged by faults in the machine but we cannot always be sure, if we are sure of this then the PCB will be returned along with a report suggesting things to check before re-installing it. We suggest machines are carefully checked prior to refitting the PCB otherwise there is a possibility the PCB will fail again which would then be a chargeable repair again.

We believe that all our PCB repair prices are extremely competitive, and the above repair list is the most comprehensive in the UK. Please contact us for a fast and efficient service.

TERMS, CONDITIONS & IMPORTANT INFORMATION

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General

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All prices quoted or published are distributor net prices which are not available to end users.
Minimum order value for all goods is £10.00 + P& P.
We reserve the right to change any of the prices in this catalogue if deemed necessary.
Prices, offers and products are subject to availability and may change (but not after) we accept your order. If something becomes unavailable we may offer you an alternative.
Quotations by the seller verbally & in writing are valid for 30 days unless stated otherwise.

Acceptance of orders

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Payment for goods is in advance in cleared funds unless a credit account is approved by the seller. Payment for approved credit accounts must be made in cleared funds to the seller within 30 days of the end of the month in which the sellers invoice is dated. The seller reserves the right to charge the buyer interest at the rate of 2% above Barclays Bank Base Rate for overdue accounts.

Retention of title & risk in the goods

The goods are at the risk of the buyer from the time of delivery. The legal owner of the goods is the seller until 'all sums' are received from the buyer.
Title in the goods shall remain with the seller until full payment for the goods & 'all sums' owing to the seller are received from the buyer.
Until such time as 'all sums' are received by the seller the buyer must hold the goods on a fiduciary basis as the sellers bailee. The buyer may resell the goods before title in the goods has passed to the buyer providing only that the goods are resold at the full market value in the course of normal business & the buyer shall hold such part of the proceeds of sale as represents the amount owed to the seller & the buyer shall account to the seller accordingly. The goods must be stored in good condition by the buyer & in such a way as to be easily identifiable as the seller's property. The goods must not be defaced or tampered with & must be insured for all risks by the buyer. The proceeds of any insurance claim must be held on trust for the seller & not mixed with any other funds or paid into any overdrawn bank account.
The seller shall in the event that serious doubt arises as to the buyer's solvency give notice in writing to the buyer to pay within seven days the full price for the goods under this or any other unpaid contract between the buyer and seller and that if at the end of the seven day period the buyer has failed to pay the whole of the balance outstanding, the seller shall be entitled to the immediate return of all goods. The seller shall also be entitled to such immediate delivery if any of the following apply to the buyer; any administration order, voluntary arrangement with creditors, entering into liquidation, convenes a meeting of creditors, has a bankruptcy order made against the buyer, or appointment of a receiver, in all of these instances the seller shall be entitled & the buyer here-by grants to the seller or his agent a licence to enter any premises of the buyer or third party during normal business hours for the purpose of removing such goods from the buyer's premises.
If the seller provides consignment stock to the buyer these terms & conditions still apply in full & the legal owner is the seller until full payment of 'all sums' is received by the seller.

Warranty

The seller operates a return to base warranty. Any goods deemed to be faulty or repairs under warranty must be returned to us carriage paid by the customer. We will cover carriage cost for the return of the item. We reserve the right to repair or replace any faulty goods as necessary. For any faults, we will do our best to help over the phone to resolve it without having to return the item. Replacement parts can be sent out where necessary, but any faulty parts must be returned. Labour cost's for fitting warranty parts is not covered by the seller unless the faulty machine is returned to us for repair in the first instance. Any item that is returned to us for warranty repair and is found not to be faulty or the fault has been caused by operator error, or abuse, will be deemed chargeable.
Goods which have been modified or changed in any way will not be covered by warranty. All warranty claims will be invalid if the buyer fails to pay the seller in accordance with our 'payment terms' set out above. Standard warranty on machines & most parts is12 months; semi-consumable items such as welding torches & wire feed rollers & gears are covered from manufacturing defects for 3 months Normal wear & tear is not covered by warranty. Repairs carry a six month warranty on the actual work done.

Returns

No goods can be returned unless authorized, if agreed with the seller then a unique returns number will be issued to the buyer. Authorized returns are subject to a 15% restocking fee to cover our cost of dispatch, restocking, testing etc. Goods returned must be in the same condition as when they left the sellers premises. No goods may be returned after 14 working days following delivery.
The following goods are manufactured to order and cancellation or return of these goods is not possible under any circumstances:- MIG, TIG & PLASMA machines, wirefeed units, watercoolers, footpedals, transformers, chokes, interconnectors, load banks, automatic equipment of any type, welding positioners, calibrators, meter kits, calibox, meter box, some rectifiers, non standard switches, spool on gun system, or any other manufactured to order products or repairs to order, etc. Any other goods not normally stocked but supplied by Technical Arc are deemed special order products and cannot be returned for credit in any circumstances.

Claims for damaged or missing goods

It is the buyer's responsibility to inspect all deliveries before signing for the goods, if you see any damage to parcels or pallets then only sign for as 'damaged'.
Any goods which are received damaged must be signed for as 'damaged' & Technical Arc notified in writing within 24Hrs of receipt otherwise we are not able to process any claim. For goods found to be damaged after inspection we are limited by our carriers to notifying them within 24 hours otherwise no claims are possible for damaged goods, therefore all goods should be inspected without delay.
Any shortages received must be notified in writing within 24 hours of receipt otherwise no claims are possible for missing goods.

Sale or return (SOR)

The seller may agree to supply certain goods on a sale or return basis, this is only available by prior agreement & must be confirmed in writing by the seller. Goods must be returned within 1 month from the date of delivery otherwise it is deemed that the goods are sold to the buyer & we will invoice the goods in accordance with these terms & conditions. In the event of goods being returned these must be returned in the same 'new' condition as when supplied by the seller. The seller will make a charge (at the seller's cost price) to the buyer for returning the goods to 'new' condition in the event of any soiling or damage to the goods.

Suitability of goods

The suitability and installation of goods supplied by the seller is the responsibility of the buyer, Technical Arc are not responsible for any damage or injuries incurred through fitting or using goods. Any modification to goods before or after installation will invalidate any warranty or liability to the seller. The seller is responsible for ensuring all goods perform to specification & as intended, however the seller cannot be held responsible for the actual end result of any use of the goods.

Weee compliance regulations. Registration number Weee/HD0071UZ (B2B)

We operate in compliance with the 2006 Weee regulations for all equipment produced & branded by Technical Arc which falls within the scope of this directive. Equipment may be produced on request as unbranded, or branded with the distributors name or logo, in this instance the distributor should account for Weee under their own Weee compliance scheme.
The purchaser shall not dispose of the product other than in accordance with the Weee regulations.
The purchaser is responsible for any costs of collection, treatment, recovery & environmentally sound disposal of the product & replaced products in accordance with the 2006 Weee regulations.
The purchaser agrees to indemnify & keep indemnified the seller (Technical Arc) from & against all loss, damage or liability (whether criminal or civil) suffered, & legal fees & costs incurred by the seller resulting from a breach of this clause.

Other

We try very hard to ensure that all information is correct. However, errors may occasionally occur. If we discover an error in the price or description of a product you have ordered, we will notify you and ask you whether you wish to continue with your order or cancel it. We may also, in our sole discretion, choose not to provide the product to you if there has been an error in the description or price. Technical Arc reserves the right to change any products without prior notice.
All quoted sizes & weights are approximate.
The seller is not responsible for any costs incurred by the buyer in the storing, insuring, transportation or use of the goods in any way.
We aim to offer a fast and reliable service at all times, with a next day delivery on spares and many other items, however we cannot be held responsible by the buyer or any other party for any losses resulting in a later delivery than expected or non delivery.
We are happy to give technical advice on any of our products & general assistance with technical issues; however we cannot be held responsible for incorrect advice or information.
The seller reserves the right to alter or offer products that may differ in appearance from the products illustrated when required.
If any of part of these terms & conditions proves invalid, illegal or unenforceable, such part will be deemed excised from these & not affect the validity of the remainder of these terms & conditions.
These terms & conditions are governed by the laws of England.